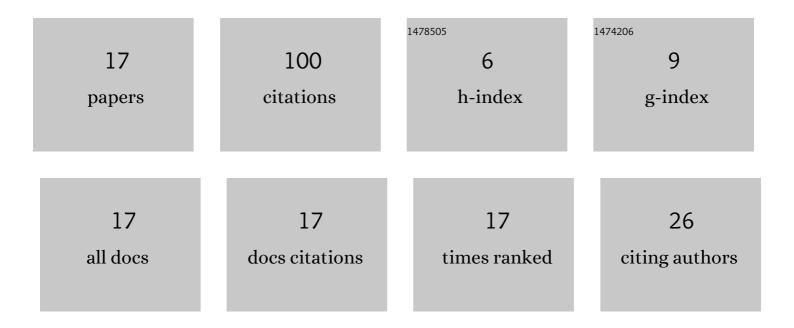
## Fernando Brambila

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Fractional Growth Model with Delay for Recurrent Outbreaks Applied to COVID-19 Data. Mathematics, 2022, 10, 825.   | 2.2 | 0         |
| 2  | Acceleration of the order of convergence of a family of fractional fixed-point methods and its implementation in the solution of a nonlinear algebraic system related to hybrid solar receivers. Applied Mathematics and Computation, 2022, 429, 127231. | 2.2 | 2         |
| 3  | How Surface Irrigation Contributes to Climate Change Resilience—A Case Study of Practices in<br>Mexico. Sustainability, 2022, 14, 7689.  | 3.2 | 2         |
| 4  | Hydrodynamic Border Irrigation Model: Comparison of Infiltration Equations. Water (Switzerland), 2022, 14, 2111.   | 2.7 | 1         |
| 5  | Spatial Fractional Darcy's Law on the Diffusion Equation with a Fractional Time Derivative in<br>Single-Porosity Naturally Fractured Reservoirs. Energies, 2022, 15, 4837.   | 3.1 | 2         |
| 6  | Fractional Newton–Raphson Method Accelerated with Aitken's Method. Axioms, 2021, 10, 47.   | 1.9 | 19        |
| 7  | An Approximation to Zeros of the Riemann Zeta Function Using Fractional Calculus. Mathematics and Statistics, 2021, 9, 309-318.  | 0.4 | 10        |
| 8  | Fractional derivative-based performance analysis of hybrid thermoelectric generator-concentrator photovoltaic system. Applied Thermal Engineering, 2021, 193, 116984.  | 6.0 | 11        |
| 9  | Fractional Growth Model Applied to COVID-19 Data. Mathematics, 2021, 9, 1915.  | 2.2 | 3         |
| 10 | Numerical solution using radial basis functions for multidimensional fractional partial differential equations of type Black–Scholes. Computational and Applied Mathematics, 2021, 40, 1.  | 2.2 | 8         |
| 11 | Fractional Newton-Raphson Method. Applied Mathematics and Sciences an International Journal (MathSJ), 2021, 8, 1-13.   | 1.2 | 12        |
| 12 | Sets of Fractional Operators and Numerical Estimation of the Order of Convergence of a Family of Fractional Fixed-Point Methods. Fractal and Fractional, 2021, 5, 240.   | 3.3 | 8         |
| 13 | Quasi-Analytical Model of the Transient Behavior Pressure in an Oil Reservoir Made Up of Three<br>Porous Media Considering the Fractional Time Derivative. Mathematical and Computational<br>Applications, 2020, 25, 74.                                 | 1.3 | 1         |
| 14 | A Nonlinear System Related to Investment under Uncertainty Solved using the Fractional<br>Pseudo-Newton Method. Journal of Mathematical Sciences: Advances and Applications, 2020, 63, 41-53.  | 0.1 | 4         |
| 15 | Fractional Flow Equations: A Model for Pressure Deficit in an Oil Well. Journal of Mathematical<br>Sciences: Advances and Applications, 2020, 63, 55-79.   | 0.1 | 1         |
| 16 | Fractional Newton-Raphson Method and Some Variants for the Solution of Nonlinear Systems. Applied Mathematics and Sciences an International Journal (MathSJ), 2020, 7, 13-27.  | 1.2 | 11        |
| 17 | Fractional Pseudo-newton Method and its use in the Solution of a Nonlinear System that Allows the<br>Construction of a Hybrid Solar Receiver. Applied Mathematics and Sciences an International Journal<br>(MathSJ), 2020, 7, 01-12.                     | 1.2 | 5         |