# Thanin Sitthiwirattham

List of Publications by Year
in descending order

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| 92 | 689 | 566801 | 713013 |
|---|---|---|---|
| papers | citations | 15 h-index | 21 g-index |

| 93 | 93 | 93 | 207 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Existence and uniqueness of solutions of sequential nonlinear fractional difference equations with threeâ€point fractional sum boundary conditions. Mathematical Methods in the Applied Sciences, 2015, 38, 2809-2815. | 1.2 | 33 |
| 2 | A Study on Dynamics of CD4+ T-Cells under the Effect of HIV-1 Infection Based on a Mathematical Fractal-Fractional Model via the Adams-Bashforth Scheme and Newton Polynomials. Mathematics, 2022, 10, 1366. | 1.1 | 31 |
| 3 | A new study on two different vaccinated fractional-order COVID-19 models via numerical algorithms. Journal of King Saud University - Science, 2022, 34, 101914. | 1.6 | 29 |
| 4 | On fractional Hahn calculus. Advances in Difference Equations, 2017, 2017, . | 3.5 | 25 |
| 5 | Analysis of a discrete mathematical COVID-19 model. Results in Physics, 2021, 28, 104668. | 2.0 | 23 |
| 6 | On fractional $(p,q)$-calculus. Advances in Difference Equations, 2020, 2020, . | 3.5 | 23 |
| 7 | Impact of Bioconvection and Chemical Reaction on MHD Nanofluid Flow Due to Exponential Stretching Sheet. Symmetry, 2021, 13, 2334. | 1.1 | 23 |
| 8 | Boundary value problems for fractional difference equations with three-point fractional sum boundary conditions. Advances in Difference Equations, 2013, 2013, . | 3.5 | 22 |
| 9 | On a nonlocal boundary value problem for nonlinear second-order Hahn difference equation with two different q , Ï‰ $q,omega$ -derivatives. Advances in Difference Equations, 2016, 2016, . | 3.5 | 22 |
| 10 | Boundary value problem forpâ^'Laplacian Caputo fractional difference equations with fractional sum boundary conditions. Mathematical Methods in the Applied Sciences, 2016, 39, 1522-1534. | 1.2 | 19 |
| 11 | Investigation of the Stochastic Modeling of COVID-19 with Environmental Noise from the Analytical and Numerical Point of View. Mathematics, 2021, 9, 3122. | 1.1 | 19 |
| 12 | Positive solutions of three-point fractional sum boundary value problem for Caputo fractional difference equations via an argument with a shift. Positivity, 2016, 20, 861-876. | 0.3 | 18 |
| 13 | On positive solutions to fractional sum boundary value problems for nonlinear fractional difference equations. Mathematical Methods in the Applied Sciences, 2016, 39, 2737-2751. | 1.2 | 17 |
| 14 | Existence Results for Fractional Difference Equations with Three-Point Fractional Sum Boundary Conditions. Discrete Dynamics in Nature and Society, 2013, 2013, 1-9. | 0.5 | 15 |
| 15 | On Nonlinear Fractional Sum-Difference Equations via Fractional Sum Boundary Conditions Involving Different Orders. Mathematical Problems in Engineering, 2015, 2015, 1-8. | 0.6 | 15 |
| 16 | On nonlocal fractional q-integral boundary value problems of fractional q-difference and fractional q-integrodifference equations involving different numbers of order and q. Boundary Value Problems, 2016, 2016, . | 0.3 | 15 |
| 17 | On nonlocal fractional sum-difference boundary value problems for Caputo fractional functional difference equations with delay. Advances in Difference Equations, 2017, 2017, . | 3.5 | 15 |
| 18 | Existence Results of Initial Value Problems for Hybrid Fractional Sum-Difference Equations. Discrete Dynamics in Nature and Society, 2018, 2018, 1-12. | 0.5 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Existence Results for Fractional Hahn Difference and Fractional Hahn Integral Boundary Value Problems. Discrete Dynamics in Nature and Society, 2017, 2017, 1-13. | 0.5 | 14 |
| 20 | A Prabhakar Fractional Approach for the Convection Flow of Casson Fluid across an Oscillating Surface Based on the Generalized Fourier Law. Symmetry, 2021, 13, 2039. | 1.1 | 14 |
| 21 | Riemannâ€“Liouville Fractional Newtonâ€™s Type Inequalities for Differentiable Convex Functions. Fractal and Fractional, 2022, 6, 175. | 1.6 | 14 |
| 22 | Study of implicit-impulsive differential equations involving Caputo-Fabrizio fractional derivative. AIMS Mathematics, 2022, 7, 4017-4037. | 0.7 | 13 |
| 23 | Nonlocal boundary value problems for second-order nonlinear Hahn integro-difference equations with integral boundary conditions. Advances in Difference Equations, 2017, 2017, . | 3.5 | 12 |
| 24 | On nonlocal Robin boundary value problems for Riemannâ€“Liouville fractional Hahn integrodifference equation. Boundary Value Problems, 2018, 2018, . | 0.3 | 12 |
| 25 | On nonlocal Dirichlet boundary value problem for sequential Caputo fractional Hahn integrodifference equations. Boundary Value Problems, 2018, 2018, . | 0.3 | 12 |
| 26 | Semi-Analytical Solutions for Fuzzy Caputoâ€“Fabrizio Fractional-Order Two-Dimensional Heat Equation. Fractal and Fractional, 2021, 5, 139. | 1.6 | 11 |
| 27 | On a class of sequential fractional q-integrodifference boundary value problems involving different numbers of q in derivatives and integrals. Advances in Difference Equations, 2016, 2016, . | 3.5 | 10 |
| 28 | Some New Simpsonâ€™s and Newtonâ€™s Formulas Type Inequalities for Convex Functions in Quantum Calculus. Mathematics, 2021, 9, 1992. | 1.1 | 10 |
| 29 | Positive Solutions of a Nonlinear Three-Point Integral Boundary Value Problem. Boundary Value Problems, 2010, 2010, 519210. | 0.3 | 8 |
| 30 | Three-Point Boundary Value Problems of Nonlinear Second-Orderq-Difference Equations Involving Different Numbers ofq. Journal of Applied Mathematics, 2013, 2013, 1-12. | 0.4 | 8 |
| 31 | Nonlocal q-Symmetric Integral Boundary Value Problem for Sequential q-Symmetric Integrodifference Equations. Mathematics, 2018, 6, 218. | 1.1 | 8 |
| 32 | Hermiteâ€“Hadamardâ€“Mercer-Type Inequalities for Harmonically Convex Mappings. Mathematics, 2021, 9, 2556. | 1.1 | 8 |
| 33 | Existence Results of a Coupled System of Caputo Fractional Hahn Difference Equations with Nonlocal Fractional Hahn Integral Boundary Value Conditions. Mathematics, 2019, 7, 15. | 1.1 | 7 |
| 34 | On Fractional Symmetric Hahn Calculus. Mathematics, 2019, 7, 873. | 1.1 | 7 |
| 35 | A new class of four-point fractional sum boundary value problems for nonlinear sequential fractional difference equations involving shift operators. Kragujevac Journal of Mathematics, 2018, 42, 371-387. | 0.3 | 7 |
| 36 | On Some New Ostrowskiâ€“Mercer-Type Inequalities for Differentiable Functions. Axioms, 2022, 11, 132. | 0.9 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | On Some New Inequalities of Hermiteâ€“Hadamard Midpoint and Trapezoid Type for Preinvex Functions in p,q-Calculus. Symmetry, 2021, 13, 1864. | 1.1 | 6 |
| 38 | Post-Quantum Midpoint-Type Inequalities Associated with Twice-Differentiable Functions. Axioms, 2022, 11, 46. | 0.9 | 6 |
| 39 | On four-point fractional q-integrodifference boundary value problems involving separate nonlinearity and arbitrary fractional order. Boundary Value Problems, 2018, 2018, . | 0.3 | 5 |
| 40 | On Sequential Fractional q-Hahn Integrodifference Equations. Mathematics, 2020, 8, 753. | 1.1 | 5 |
| 41 | On a boundary value problem for fractional Hahn integro-difference equations with four-point fractional integral boundary conditions. AIMS Mathematics, 2021, 7, 632-650. | 0.7 | 5 |
| 42 | New Integral Inequalities via Generalized Preinvex Functions. Axioms, 2021, 10, 296. | 0.9 | 5 |
| 43 | Existence results of nonlocal Robin boundary value problems for fractional $(p,q)$-integrodifference equations. Advances in Difference Equations, 2020, 2020, . | 3.5 | 5 |
| 44 | A Comprehensive Analysis of Hermiteâ€“Hadamard Type Inequalities via Generalized Preinvex Functions. Axioms, 2021, 10, 328. | 0.9 | 5 |
| 45 | A new study on the existence and stability to a system of coupled higher-order nonlinear BVP of hybrid FDEs under the $ p $-Laplacian operator. AIMS Mathematics, 2022, 7, 14187-14207. | 0.7 | 5 |
| 46 | Modelling and Simulation of Fluid Flow through a Circular Cylinder with High Reynolds Number: A COMSOL Multiphysics Study. Journal of Mathematics, 2022, 2022, 1-9. | 0.5 | 5 |
| 47 | The stable equilibrium of a system of piecewise linear difference equations. Advances in Difference Equations, 2017, 2017, . | 3.5 | 4 |
| 48 | On Separate Fractional Sum-Difference Equations with n-Point Fractional Sum-Difference Boundary Conditions via Arbitrary Different Fractional Orders. Mathematics, 2019, 7, 471. | 1.1 | 4 |
| 49 | Existence of positive solution to a coupled system of singular fractional difference equations via fractional sum boundary value conditions. Advances in Difference Equations, 2019, 2019, . | 3.5 | 4 |
| 50 | Several Integral Inequalities of Hermiteâ€“Hadamard Type Related to k-Fractional Conformable Integral Operators. Symmetry, 2021, 13, 1880. | 1.1 | 4 |
| 51 | The Sharmaâ€“Mittal Modelâ€™s Implications on FRW Universe in Chernâ€“Simons Gravity. Universe, 2021, 7, 428. | 0.9 | 4 |
| 52 | Application of Asymptotic Homotopy Perturbation Method to Fractional Order Partial Differential Equation. Symmetry, 2021, 13, 2215. | 1.1 | 4 |
| 53 | Boundary value problems for a new class of three-point nonlocal Riemann-Liouville integral boundary conditions. Advances in Difference Equations, 2013, 2013, . | 3.5 | 3 |
| 54 | A Coupled System of Fractional Difference Equations with Nonlocal Fractional Sum Boundary Conditions on the Discrete Half-Line. Mathematics, 2019, 7, 256. | 1.1 | 3 |

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| 55 | On Some New Fractional Ostrowski- and Trapezoid-Type Inequalities for Functions of Bounded Variations with Two Variables. Symmetry, 2021, 13, 1724. | 1.1 | 3 |
| 56 | On Some New Trapezoidal Type Inequalities for Twice (p, q) Differentiable Convex Functions in Post-Quantum Calculus. Symmetry, 2021, 13, 1605. | 1.1 | 3 |
| 57 | NONLOCAL FRACTIONAL SUM BOUNDARY VALUE PROBLEM FOR A COUPLED SYSTEM OF FRACTIONAL SUM-DIFFERENCE EQUATIONS. Dynamic Systems and Applications, 2019, 28, . | 0.1 | 3 |
| 58 | On sequential fractional Caputo $ (p, q) $-integrodifference equations via three-point fractional Riemann-Liouville $ (p, q) $-difference boundary condition. AIMS Mathematics, 2021, 7, 704-722. | 0.7 | 3 |
| 59 | On nonlocal fractional symmetric Hanh integral boundary value problems for fractional symmetric Hahn integrodifference equation. AIMS Mathematics, 2020, 5, 3556-3572. | 0.7 | 3 |
| 60 | Some Generalized Fractional Integral Inequalities for Convex Functions with Applications. Fractal and Fractional, 2022, 6, 94. | 1.6 | 3 |
| 61 | Existence and Stability Analysis for Fractional Impulsive Caputo Difference-Sum Equations with Periodic Boundary Condition. Mathematics, 2020, 8, 843. | 1.1 | 2 |
| 62 | On Nonlinear Fractional Difference Equation with Delay and Impulses. Symmetry, 2020, 12, 980. | 1.1 | 2 |
| 63 | Montgomery identity and Ostrowski-type inequalities via quantum calculus. Open Mathematics, 2021, 19, 1098-1109. | 0.5 | 2 |
| 64 | On generalizations of quantum Simpson's and quantum Newton's inequalities with some parameters. AIMS Mathematics, 2021, 6, 13954-13975. | 0.7 | 2 |
| 65 | Existence results of fractional deltaâ€“nabla difference equations via mixed boundary conditions. Advances in Difference Equations, 2020, 2020, . | 3.5 | 2 |
| 66 | On a coupled system of fractional sum-difference equations with p-Laplacian operator. Advances in Difference Equations, 2020, 2020, . | 3.5 | 2 |
| 67 | Mild Solutions for Impulsive Integro-Differential Equations Involving Hilfer Fractional Derivative with almost Sectorial Operators. Axioms, 2021, 10, 313. | 0.9 | 2 |
| 68 | On Generalization of Different Integral Inequalities for Harmonically Convex Functions. Symmetry, 2022, 14, 302. | 1.1 | 2 |
| 69 | Positive Solutions to a Generalized Second-Order Difference Equation with Summation Boundary Value Problem. Journal of Applied Mathematics, 2012, 2012, 1-15. | 0.4 | 1 |
| 70 | Existence results of nonlocal Robin mixed Hahn and q-difference boundary value problems. Advances in Difference Equations, 2020, 2020, . | 3.5 | 1 |
| 71 | On the Nonlocal Fractional Delta-Nabla Sum Boundary Value Problem for Sequential Fractional Delta-Nabla Sum-Difference Equations. Mathematics, 2020, 8, 476. | 1.1 | 1 |
| 72 | DOMINATION ON LEXICOGRAPHICAL PRODUCT OF COMPLETE GRAPHS. International Journal of Pure and Applied Mathematics, 2013, 85, . | 0.2 | 1 |

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| 73 | On nonlocal boundary value problems for hybrid fractional sum-difference equations involving different orders. Journal of Nonlinear Functional Analysis, 2018, 2018, 1-22. | 0.6 | 1 |
| 74 | Existence results for nonlinear second-order q-difference equations with q-integral boundary conditions. Differential Equations and Applications, 2015, , 303-311. | 0.1 | 1 |
| 75 | Existence and multiplicity of positive solutions to a system of fractional difference equations with parameters. Advances in Difference Equations, 2020, 2020, . | 3.5 | 1 |
| 76 | Post-quantum Simpson's type inequalities for coordinated convex functions. AIMS Mathematics, 2022, 7, 3097-3132. | 0.7 | 1 |
| 77 | Separate Fractional (p,q)-Integrodifference Equations via Nonlocal Fractional (p,q)-Integral Boundary Conditions. Symmetry, 2021, 13, 2212. | 1.1 | 1 |
| 78 | Nonlocal Neumann Boundary Value Problem for Fractional Symmetric Hahn Integrodifference Equations. Symmetry, 2021, 13, 2303. | 1.1 | 1 |
| 79 | Two-dimensional Haar Wavelet Method for Numerical Solution of Delay Partial Differential Equations. Journal of Function Spaces, 2022, 2022, 1-9. | 0.4 | 1 |
| 80 | On Hilfer-Type Fractional Impulsive Differential Equations. International Journal of Differential Equations, 2022, 2022, 1-12. | 0.3 | 1 |
| 81 | Some Vertex-Graph Parameters on Modular Product of Graphs. Journal of Discrete Mathematical Sciences and Cryptography, 2015, 18, 651-662. | 0.5 | 0 |
| 82 | Quantum Hermite-Hadamard type integral inequalities for convex stochastic processes. AIMS Mathematics, 2021, 6, 11989-12010. | 0.7 | 0 |
| 83 | On Periodic Fractional (p, q)-Integral Boundary Value Problems for Sequential Fractional (p,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 0.9 | 0 |
| 84 | POSITIVE SOLUTIONS OF SUMMATION BOUNDARY VALUE PROBLEM FOR A GENERALIZED SECOND-ORDER DIFFERENCE EQUATION. International Journal of Pure and Applied Mathematics, 2013, 85, . | 0.2 | 0 |
| 85 | MATCHING AND EDGE COVERING NUMBER ON LEXICOGRAPHICAL PRODUCT OF COMPLETE GRAPHS. International Journal of Pure and Applied Mathematics, 2013, 85, . | 0.2 | 0 |
| 86 | MATCHING AND EDGE COVERING NUMBER ON TENSOR PRODUCT OF FAN GRAPH. International Journal of Pure and Applied Mathematics, 2013, 85, . | 0.2 | 0 |
| 87 | MATCHING AND EDGE COVERING NUMBER ON STRONG PRODUCT OF COMPLETE BIPARTITE GRAPHS. International Journal of Pure and Applied Mathematics, 2014, 97, . | 0.2 | 0 |
| 88 | Three-point fractional h-sum boundary value problems for sequential Caputo fractional h-sum-difference equations. Filomat, 2017, 31, 5727-5742. | 0.2 | 0 |
| 89 | On positive solution to multi-point fractional h-sum eigenvalue problems for caputo fractional h-difference equations. Filomat, 2018, 32, 2933-2951. | 0.2 | 0 |
| 90 | Existence Results of a Nonlocal Fractional Symmetric Hahn Integrodifference Boundary Value Problem. Symmetry, 2021, 13, 2174. | 1.1 | 0 |

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|---|---|---|---|
| 91 | Existence results of sequential fractional Caputo sum-difference boundary value problem. AIMS Mathematics, 2022, 7, 15120-15137. | 0.7 | 0 |
| 92 | Qualitative theory and approximate solution to a dynamical system under modified type Caputo-Fabrizio derivative. AIMS Mathematics, 2022, 7, 14376-14393. | 0.7 | 0 |