# Miguel JosÃ© Vivas-Cortez

## List of Publications by Year
## in descending order

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|---|---|---|---|
| 63 | 529 | 687335<br>13 | 752679<br>20 |
| papers | citations | h-index | g-index |
| 65 | 65 | 65 | 184 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Some New Newton's Type Integral Inequalities for Co-Ordinated Convex Functions in Quantum Calculus. Symmetry, 2020, 12, 1476. | 2.2 | 55 |
| 2 | Extinction in a two dimensional Lotka–Volterra system with infinite delay. Nonlinear Analysis: Real World Applications, 2006, 7, 1042-1047. | 1.7 | 52 |
| 3 | Some New Hermite–Hadamard and Related Inequalities for Convex Functions via (p,q)-Integral. Entropy, 2021, 23, 828. | 2.2 | 33 |
| 4 | New Quantum Estimates of Trapezium-Type Inequalities for Generalized $\varphi$-Convex Functions. Mathematics, 2019, 7, 1047. | 2.2 | 28 |
| 5 | Simpson's Integral Inequalities for Twice Differentiable Convex Functions. Mathematical Problems in Engineering, 2020, 2020, 1-15. | 1.1 | 22 |
| 6 | Some New Hermite-Hadamard-Fejér Fractional Type Inequalities for h-Convex and Harmonically h-Convex Interval-Valued Functions. Mathematics, 2022, 10, 74. | 2.2 | 20 |
| 7 | Generalizations of fractional Hermite-Hadamard-Mercer like inequalities for convex functions. AIMS Mathematics, 2021, 6, 9397-9421. | 1.6 | 19 |
| 8 | Quantum Estimates of Ostrowski Inequalities for Generalized $\varphi$-Convex Functions. Symmetry, 2019, 11, 1513. | 2.2 | 19 |
| 9 | Some modifications in conformable fractional integral inequalities. Advances in Difference Equations, 2020, 2020, . | 3.5 | 18 |
| 10 | Hermite-Hadamard-Fejer Type Inequalities for Strongly (s,m)-Convex Functions with Modulus c, in Second Sense. Applied Mathematics and Information Sciences, 2016, 10, 2045-2053. | 0.5 | 16 |
| 11 | Some New q–Integral Inequalities Using Generalized Quantum Montgomery Identity via Preinvex Functions. Symmetry, 2020, 12, 553. | 2.2 | 14 |
| 12 | Fejer Type Inequalities for (s,m)-Convex Functions in Second Sense. Applied Mathematics and Information Sciences, 2016, 10, 1689-1696. | 0.5 | 14 |
| 13 | Weighted Midpoint Hermite-Hadamard-Fejér Type Inequalities in Fractional Calculus for Harmonically Convex Functions. Fractal and Fractional, 2021, 5, 252. | 3.3 | 14 |
| 14 | Trapezium-Type Inequalities for Raina's Fractional Integrals Operator Using Generalized Convex Functions. Symmetry, 2020, 12, 1034. | 2.2 | 13 |
| 15 | Quantum Trapezium-Type Inequalities Using Generalized $\varphi$-Convex Functions. Axioms, 2020, 9, 12. | 1.9 | 12 |
| 16 | Integral inequalities of Hermite-Hadamard type for quasi-convex functions with applications. AIMS Mathematics, 2020, 5, 7316-7331. | 1.6 | 12 |
| 17 | Hermite–Jensen–Mercer-Type Inequalities via Caputo–Fabrizio Fractional Integral for h-Convex Function. Fractal and Fractional, 2021, 5, 269. | 3.3 | 12 |
| 18 | Some Inequalities Using Generalized Convex Functions in Quantum Analysis. Symmetry, 2019, 11, 1402. | 2.2 | 11 |

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| 19 | Some generalized Hermite–Hadamard–Fejér inequality for convex functions. Advances in Difference Equations, 2021, 2021, . | 3.5 | 8 |
| 20 | Ostrowski Type Inequalities for Functions Whose Derivatives are (m,h1,h2)-Convex. Applied Mathematics and Information Sciences, 2017, 11, 79-86. | 0.5 | 8 |
| 21 | Some new generalized $ kappa $–fractional Hermite–Hadamard–Mercer type integral inequalities and their applications. AIMS Mathematics, 2021, 7, 3203-3220. | 1.6 | 8 |
| 22 | On a New Generalized Integral Operator and Certain Operating Properties. Axioms, 2020, 9, 69. | 1.9 | 7 |
| 23 | Newton's Law of Cooling with Generalized Conformable Derivatives. Symmetry, 2021, 13, 1093. | 2.2 | 7 |
| 24 | Hermite-Hadamard Fractional Integral Inequalities via Abel-Gontscharoff Green's Function. Fractal and Fractional, 2022, 6, 126. | 3.3 | 7 |
| 25 | On Some New Generalized Hermite-Hadamard-Fejér´ Inequalities for Product of Two Operator $h$-Convex Functions.. Applied Mathematics and Information Sciences, 2017, 11, 983-992. | 0.5 | 6 |
| 26 | DESIGUALDADES DE TIPO HERMITE-HADAMARD PARA EL OPERADOR INTEGRAL DE RAINA USANDO FUNCIONES Î·-CONVEXAS. Revista De Matemática: Teoría Y Aplicaciones, 2019, 26, 1-20. | 0.1 | 6 |
| 27 | Refinements for Hermite-Hadamard Type Inequalities for Operator $h$-Convex Function. Applied Mathematics and Information Sciences, 2017, 11, 1299-1307. | 0.5 | 5 |
| 28 | Ostrowski-Type Inequalities for Functions Whose Derivative Modulus is Relatively Convex.. Applied Mathematics and Information Sciences, 2019, 13, 121-127. | 0.5 | 5 |
| 29 | Ostrowski-Type Inequalities for Functions Whose Derivative Modulus is Relatively (m,h1,h2)$-Convex.. Applied Mathematics and Information Sciences, 2019, 13, 369-378. | 0.5 | 5 |
| 30 | New Ostrowski type inequalities for generalized $ s $-convex functions with applications to some special means of real numbers and to midpoint formula. AIMS Mathematics, 2021, 7, 1429-1444. | 1.6 | 5 |
| 31 | q1q2-Ostrowski-Type Integral Inequalities Involving Property of Generalized Higher-Order Strongly n-Polynomial Preinvexity. Symmetry, 2022, 14, 717. | 2.2 | 5 |
| 32 | Some fractional integral inequalities via $ h $-Godunova-Levin preinvex function. AIMS Mathematics, 2022, 7, 13832-13844. | 1.6 | 5 |
| 33 | Montgomery Identity and Ostrowski-Type Inequalities for Generalized Quantum Calculus through Convexity and Their Applications. Symmetry, 2022, 14, 1449. | 2.2 | 5 |
| 34 | Ostrowski Type Inequalities for Functions Whose Second Derivatives are Convex Generalized.. Applied Mathematics and Information Sciences, 2018, 12, 1117-1126. | 0.5 | 4 |
| 35 | New Ostrowski Type Inequalities for Coordinated (s,m)$-Convex Functions in the Second Sense. Applied Mathematics and Information Sciences, 2019, 13, 821-829. | 0.5 | 4 |
| 36 | An Inequality Related to s-Ï†-Convex Functions.. Applied Mathematics and Information Sciences, 2020, 14, 151-154. | 0.5 | 4 |

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| 37 | Some New Post-Quantum Integral Inequalities Involving Twice (p, q)-Differentiable Ï-Preinvex Functions and Applications. Axioms, 2021, 10, 283. | 1.9 | 4 |
| 38 | On Some New Simpsonâ€™s Formula Type Inequalities for Convex Functions in Post-Quantum Calculus. Symmetry, 2021, 13, 2419. | 2.2 | 4 |
| 39 | Ostrowski and Jensen-type inequalities via (s,Âm)-convex functions in the second sense. Boletin De La Sociedad Matematica Mexicana, 2020, 26, 287-302. | 0.7 | 3 |
| 40 | Trapezoidal-Type Inequalities for Strongly Convex and Quasi-Convex Functions via Post-Quantum Calculus. Entropy, 2021, 23, 1238. | 2.2 | 3 |
| 41 | Jensenâ€™s Inequality for Convex Functions on N-Coordinates. Applied Mathematics and Information Sciences, 2018, 12, 931-935. | 0.5 | 3 |
| 42 | Trapezium-Type Inequalities for an Extension of Riemannâ€"Liouville Fractional Integrals Using Rainaâ€™s Special Function and Generalized Coordinate Convex Functions. Axioms, 2020, 9, 117. | 1.9 | 2 |
| 43 | On (m,h1,h2)â̂'Convex Stochastic Processes using Fractional Integral Operator.. Applied Mathematics and Information Sciences, 2018, 12, 45-53. | 0.5 | 2 |
| 44 | Hermite-Hadamard and Ostrowski type inequalities in $ mathfrak{h} $-calculus with applications. AIMS Mathematics, 2022, 7, 7056-7068. | 1.6 | 2 |
| 45 | On Generalization of Different Integral Inequalities for Harmonically Convex Functions. Symmetry, 2022, 14, 302. | 2.2 | 2 |
| 46 | Some Parameterized Quantum Simpsonâ€™s and Quantum Newtonâ€™s Integral Inequalities via Quantum Differentiable Convex Mappings. Mathematical Problems in Engineering, 2021, 2021, 1-17. | 1.1 | 2 |
| 47 | Functions of bounded variations on compact subsets of (mathbb{C}). Annales Societatis Mathematicae Polonae Seria 1, Commentationes Mathematicae, 2015, 54, . | 0.4 | 1 |
| 48 | Some New Generalized Jensen and Hermite-Hadamard Inequalities for Operator hâ̂'Convex Functions. Applied Mathematics and Information Sciences, 2017, 11, 383-392. | 0.5 | 1 |
| 49 | Some inequalities for reciprocally (s,m)-convex in the second sense functions and applications to special means. Journal of Mathematical Inequalities, 2020, , 483-500. | 0.9 | 1 |
| 50 | On exponentially (h1, h2)-convex functions and fractional integral inequalities related. Mathematica Moravica, 2020, 24, 45-62. | 0.7 | 1 |
| 51 | New Parameterized Inequalities for Î·-Quasiconvex Functions via (p, q)-Calculus. Entropy, 2021, 23, 1523. | 2.2 | 1 |
| 52 | A Study of Uniform Harmonic Ï‡ -Convex Functions with respect to Hermite-Hadamardâ€™s Inequality and Its Caputo-Fabrizio Fractional Analogue and Applications. Journal of Function Spaces, 2021, 2021, 1-12. | 0.9 | 1 |
| 53 | Post-quantum Ostrowski type integral inequalities for functions of two variables. AIMS Mathematics, 2022, 7, 8035-8063. | 1.6 | 1 |
| 54 | Trapezium-like Inequalities Involving k-th Order Differentiable RÎ³-Convex Functions and Applications. Symmetry, 2022, 14, 448. | 2.2 | 1 |

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|---|---------|-----|-----------|
| 55 | Multi-Parameter Quantum Integral Identity Involving Raina's Function and Corresponding q-Integral Inequalities with Applications. Symmetry, 2022, 14, 606. | 2.2 | 1 |
| 56 | New Simpson's Type Estimates for Two Newly Defined Quantum Integrals. Symmetry, 2022, 14, 548. | 2.2 | 1 |
| 57 | Generalized $ (p, q) $-analogues of Dragomir-Agarwal's inequalities involving Raina's function and applications. AIMS Mathematics, 2022, 7, 11464-11486. | 1.6 | 1 |
| 58 | On (h1,h2,m)−GA−Convex Stochastic Processes. Applied Mathematics and Information Sciences, 2017, 11, 649-657. | 0.5 | 0 |
| 59 | On Relative m-Semi Logarithmically Convexity Functions.. Applied Mathematics and Information Sciences, 2017, 11, 1565-1574. | 0.5 | 0 |
| 60 | Some Inequalities via Strongly p-Harmonic Log-Convex Stochastic Processes.. Applied Mathematics and Information Sciences, 2018, 12, 593-600. | 0.5 | 0 |
| 61 | Hermite-Hadamard Type Mean Square Integral Inequalities for Stochastic Processes whose Twice Mean Square Derivative are Generalized $\lambda$−convex.. Applied Mathematics and Information Sciences, 2020, 14, 493-502. | 0.5 | 0 |
| 62 | On $\varphi$−Convex Stochastic Processes and Integral Inequalities Related,. Applied Mathematics and Information Sciences, 2020, 14, 947-956. | 0.5 | 0 |
| 63 | On some generalized Raina-type fractional-order integral operators and related Chebyshev inequalities. AIMS Mathematics, 2022, 7, 10256-10275. | 1.6 | 0 |