# Oscar MartÃ-nez-Fuentes

## List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 18<br>papers | 96<br>citations | 1684188<br>5<br>h-index | 1474206<br>9<br>g-index |
| 19<br>all docs | 19<br>docs citations | 19<br>times ranked | 63<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Analysis of Fractional-Order Nonlinear Dynamic Systems with General Analytic Kernels: Lyapunov Stability and Inequalities. Mathematics, 2021, 9, 2084. | 2.2 | 20 |
| 2 | A novel Mittagâ€"Leffler stable estimator for nonlinear fractional-order systems: a linear quadratic regulator approach. Nonlinear Dynamics, 2018, 94, 1973-1986. | 5.2 | 17 |
| 3 | Fractional fault-tolerant dynamical controller for a class of commensurate-order fractional systems. International Journal of Systems Science, 2018, 49, 196-210. | 5.5 | 14 |
| 4 | A high-gain observer with Mittagâ€"Leffler rate of convergence for a class of nonlinear fractional-order systems. Communications in Nonlinear Science and Numerical Simulation, 2019, 79, 104909. | 3.3 | 14 |
| 5 | Generalized synchronization of commensurate fractional-order chaotic systems: Applications in secure information transmission. , 2022, 126, 103494. | | 12 |
| 6 | High-gain fractional disturbance observer control of uncertain dynamical systems. Journal of the Franklin Institute, 2021, 358, 4793-4806. | 3.4 | 8 |
| 7 | Stability analysis of a class of integral equations with not necessarily differentiable solutions. Journal of Computational and Applied Mathematics, 2021, 398, 113702. | 2.0 | 3 |
| 8 | Generalized Synchronization in chaotic Liouvillian fractional systems. , 2016, , . | | 1 |
| 9 | Fractional-order nonlinear systems with fault tolerance. , 2018, , . | | 1 |
| 10 | Lyapunov functions for fractionalâ€order nonlinear systems with Atanganaâ€"Baleanu derivative of Riemannâ€"Liouville type. Mathematical Methods in the Applied Sciences, 0, , . | 2.3 | 1 |
| 11 | Passive decomposition and gradient control of fractional-order nonlinear systems. Nonlinear Dynamics, 2022, 109, 1705-1722. | 5.2 | 1 |
| 12 | Generalized PI control for robust stabilization of dynamical systems. Mathematics and Computers in Simulation, 2022, 202, 22-35. | 4.4 | 1 |
| 13 | The estimation problem for nonlinear systems modeled by conformable derivative: Design and applications. Communications in Nonlinear Science and Numerical Simulation, 2022, 115, 106720. | 3.3 | 1 |
| 14 | Differential Algebra for Nonlinear Control Theory. Mathematical and Analytical Techniques With Applications To Engineering, 2019, , 163-182. | 0.2 | 0 |
| 15 | Permutations and Determinants. Mathematical and Analytical Techniques With Applications To Engineering, 2019, , 65-73. | 0.2 | 0 |
| 16 | Matrices and Linear Equations Systems. Mathematical and Analytical Techniques With Applications To Engineering, 2019, , 49-64. | 0.2 | 0 |
| 17 | Matrix Diagonalization and Jordan Canonical Form. Mathematical and Analytical Techniques With Applications To Engineering, 2019, , 109-123. | 0.2 | 0 |
| 18 | Vector and Euclidean Spaces. Mathematical and Analytical Techniques With Applications To Engineering, 2019, , 75-91. | 0.2 | 0 |