

RaÃ³l de Celis

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

135
citations

1478505

6
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

111
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Sensor hybridization using neural networks for rocket terminal guidance. Aerospace Science and Technology, 2021, 111, 106527. | 4.8 | 6 |
| 2 | Development of a Neural Network-Based Controller for Short-Range Rockets. , 2021, , . | | 1 |
| 3 | Applying Neural Networks in Aerial Vehicle Guidance to Simplify Navigation Systems. Algorithms, 2020, 13, 333. | 2.1 | 2 |
| 4 | A simplified computational method for two-body high spinning rate vehicles. Aerospace Science and Technology, 2020, 105, 106050. | 4.8 | 2 |
| 5 | A Simplified Method to Determine Gravity Vector Through Aerodynamic Coefficients and its Applications in Attitude Determination. Lecture Notes in Electrical Engineering, 2020, , 561-581. | 0.4 | 0 |
| 6 | Adaptive Navigation, Guidance and Control Techniques Applied to Ballistic Projectiles and Rockets. , 2019, , . | | 0 |
| 7 | Spot-Centroid Determination Algorithms in Semiactive Laser Photodiodes for Artillery Applications. Journal of Sensors, 2019, 2019, 1-12. | 1.1 | 8 |
| 8 | GNSS/IMU laser quadrant detector hybridization techniques for artillery rocket guidance. Nonlinear Dynamics, 2018, 91, 2683-2698. | 5.2 | 11 |
| 9 | Hybridized attitude determination techniques to improve ballistic projectile navigation, guidance and control. Aerospace Science and Technology, 2018, 77, 138-148. | 4.8 | 19 |
| 10 | An Estimator for UAV Attitude Determination based on Accelerometers, GNSS Sensors, and Aerodynamic Coefficients. Navigation, Journal of the Institute of Navigation, 2018, 65, 319-334. | 2.8 | 4 |
| 11 | Attitude Determination Algorithms through Accelerometers, GNSS Sensors, and Gravity Vector Estimator. International Journal of Aerospace Engineering, 2018, 2018, 1-14. | 0.9 | 9 |
| 12 | Guidance and control for high dynamic rotating artillery rockets. Aerospace Science and Technology, 2017, 64, 204-212. | 4.8 | 32 |
| 13 | Integrated airline planning: Robust update of scheduling and fleet balancing under demand uncertainty. Transportation Research Part C: Emerging Technologies, 2017, 81, 227-245. | 7.6 | 39 |
| 14 | Aircraft Attitude Determination Algorithms Employing Gravity Vector Estimations and Velocity Measurements. , 2017, , . | | 2 |