

RaÃ³l de Celis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6195496/publications.pdf>

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