

# Ramon Lopez La Valle

## List of Publications by Year in descending order

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17  
papers

44  
citations

2258059

3  
h-index

2053705

5  
g-index

17  
all docs

17  
docs citations

17  
times ranked

34  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple and Effective GNSS Spatial Processing Using a Low-Cost Compact Antenna Array. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3479-3491.	4.7	4
2	Dual-Antenna Dual-Band High Performance Cubesat-Compatible GPS Receiver. IEEE Latin America Transactions, 2020, 18, 265-272.	1.6	4
3	High-Speed Data Acquisition System for GNSS Applications. , 2020, , .		1
4	Antenna Coupling and Out of Band Interference Effects on a High Precision GNSS Receiver. , 2019, , .		1
5	Orthonormal method for compact Global Navigation Satellite Systems antenna array designs. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21737.	1.2	3
6	Dual-Antenna Dual-Band High Performance Cubesat-Compatible GPS Receiver. IEEE Latin America Transactions, 2019, 18, 265-272.	1.6	0
7	A Spatial Signal Processing Review for Practical GNSS Antenna Arrays. , 2018, , .		4
8	A Dual-Band RF Front-End Architecture for Accurate and Reliable GPS Receivers. , 2018, , .		2
9	New Design of a Variable Impedance Based on Polarized Diodes at Microwave Frequency. IEEE Microwave and Wireless Components Letters, 2017, 27, 470-472.	3.2	4
10	Design of a dual-antenna and dual-band GPS receiver for CubeSats. , 2017, , .		3
11	Analysis and compensation of the effect of the enclosure in a multichannel RF front-end. , 2017, , .		0
12	Dual-band bandpass filter with wide stopband and low insertion loss for GNSS signals. , 2016, , .		5
13	Método de compensación de acoplamiento mutuo y difracción electromagnética en arreglos de antenas de microtira para GNSS. , 2016, , .		2
14	Mutual coupling and electromagnetic diffraction influence on GPS microstrip antenna arrays. , 2015, , .		3
15	Plataforma de adquisición de señales GNSS con conexión USB. , 2014, , .		2
16	An Experimental L1/L2 GNSS Receiver for High Precision Applications. IEEE Latin America Transactions, 2013, 11, 48-53.	1.6	3
17	A practical RF front-end for high performance GNSS receivers. , 2011, , .		3