

# Ernesto MartÃ- n RodrÃ- guez

## List of Publications by Year in descending order

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15  
papers

341  
citations

1163117

8  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple approximation for magnetization curves and hysteresis loops. IEEE Transactions on Magnetics, 1981, 17, 1498-1502.	2.1	102
2	The integration of computer simulation and learning support: An example from the physics domain of collisions. Journal of Research in Science Teaching, 1999, 36, 597-615.	3.3	82
3	Modelling spatial and temporal scales for spill-over and biomass exportation from MPAs and their potential for fisheries enhancement. Journal for Nature Conservation, 2008, 16, 234-255.	1.8	48
4	Contribution to numerical methods for calculation of complex dielectric permittivities. Electronics Letters, 1970, 6, 510.	1.0	21
5	Resonant cavities for measuring the surface resistance of metals at X-band frequencies. Journal of Physics E: Scientific Instruments, 1986, 19, 222-225.	0.7	20
6	An Automatic Network Analyzer Using a Slotted Line Reflectometer. IEEE Transactions on Microwave Theory and Techniques, 1982, 30, 667-670.	4.6	16
7	An automatic system for the measurement of dynamic hysteresis loops. Journal of Physics E: Scientific Instruments, 1982, 15, 539-541.	0.7	12
8	Automatic measurement of Q factor and resonant frequency of microwave resonators. Journal of Physics E: Scientific Instruments, 1981, 14, 961-962.	0.7	10
9	Electromagnetic Activity of Chiral Media Based on Crank Inclusions. IEEE Microwave and Wireless Components Letters, 2009, 19, 278-280.	3.2	9
10	Negative Refraction of Chiral Metamaterial Based on Four Crank Resonators. Journal of Electromagnetic Waves and Applications, 2012, 26, 986-995.	1.6	8
11	Isotropic and Homogeneous Behavior of Chiral Media Based on Periodical Inclusions of Cranks. IEEE Microwave and Wireless Components Letters, 2010, 20, 175-177.	3.2	6
12	Microwave Permittivity Measurement Using a Multipoint Technique (Short Papers). IEEE Transactions on Microwave Theory and Techniques, 1974, 22, 542-544.	4.6	4
13	Dual five-port analyzer using fixed probes. IEEE Transactions on Instrumentation and Measurement, 1994, 43, 415-420.	4.7	2
14	Chiral Material With Tunable Double Plates. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1622-1625.	4.0	1
15	Integral numerical technique for the study of axially symmetric resonant devices. IEEE Transactions on Microwave Theory and Techniques, 1989, 37, 1814-1816.	4.6	0