

Luigi La Spada

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

539
citations

13
h-index

23
g-index

38
ext. papers

640
ext. citations

1.8
avg, IF

5
L-index

#	Paper	IF	Citations
25	The Graphene Field Effect Transistor Modeling Based on an Optimized Ambipolar Virtual Source Model for DNA Detection. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8114	2.6	3
24	Electromagnetic and thermal nanostructures: from waves to circuits. <i>Engineering Research Express</i> , 2020 , 2, 015045	0.9	12
23	2020 ,		1
22	MetaSurface Structure Design and Channel Modelling for THz Band Communications 2019 ,		1
21	Metasurfaces for Advanced Sensing and Diagnostics. <i>Sensors</i> , 2019 , 19,	3.8	52
20	Curvilinear MetaSurfaces for Surface Wave Manipulation. <i>Scientific Reports</i> , 2019 , 9, 3107	4.9	60
19	Electromagnetic Nanoparticles for Sensing and Medical Diagnostic Applications. <i>Materials</i> , 2018 , 11,	3.5	78
18	A Tool for Modeling, Design and Applications of MetaSurfaces 2018 ,		1
17	Modeling and design for electromagnetic surface wave devices. <i>Radio Science</i> , 2017 , 52, 1049-1057	1.4	38
16	Near-zero-index wires. <i>Optics Express</i> , 2017 , 25, 23699-23708	3.3	61
15	Metamaterial-based wideband electromagnetic wave absorber. <i>Optics Express</i> , 2016 , 24, 5763-72	3.3	73
14	Optical Properties of Modified Nanorod Particles for Biomedical Sensing. <i>IEEE Transactions on Magnetism</i> , 2014 , 50, 169-172	2	19
13	Electromagnetic modeling of metamaterial-based sensors 2014 ,		1
12	Surface plasmon resonance of nanoshell particles with PMMA-graphene core. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2014 , 33, 2016-2029	0.7	17
11	Spectral Green's Function for SPR Meta-Structures. <i>Materials Science Forum</i> , 2014 , 792, 110-114	0.4	12
10	Nanoparticle device for biomedical and optoelectronics applications. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2013 , 32, 1596-1608	0.7	16
9	Electromagnetic modeling of ellipsoidal nanoparticles for sensing applications. <i>Optical Engineering</i> , 2013 , 52, 051205	1.1	16

8	Modified Bow-Tie Nanoparticles Operating in the Visible and Near Infrared Frequency Regime. <i>Advances in Nanoparticles</i> , 2013 , 02, 21-27	1.4	11
7	Conical Nanoparticles for Blood Disease Detection. <i>Advances in Nanoparticles</i> , 2013 , 02, 259-265	1.4	13
6	Sensor design for cancer tissue diagnostics 2012 ,		2
5	Metamaterial-based sensor for hemoglobin measurements 2012 ,		1
4	Nanoparticle Electromagnetic Properties for Sensing Applications. <i>Advances in Nanoparticles</i> , 2012 , 01, 9-14	1.4	10
3	Metamaterial biosensor for cancer detection 2011 ,		17
2	METAMATERIAL-BASED SENSOR DESIGN WORKING IN INFRARED FREQUENCY RANGE. <i>Progress in Electromagnetics Research B</i> , 2011 , 34, 205-223	0.7	18
1	Metamaterial resonator arrays for organic and inorganic compound sensing 2011 ,		6