

# Luigi La Spada

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9537962/luigi-la-spada-publications-by-citations.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Electromagnetic Nanoparticles for Sensing and Medical Diagnostic Applications. <i>Materials</i> , <b>2018</b> , 11,	3.5	78
24	Metamaterial-based wideband electromagnetic wave absorber. <i>Optics Express</i> , <b>2016</b> , 24, 5763-72	3.3	73
23	Near-zero-index wires. <i>Optics Express</i> , <b>2017</b> , 25, 23699-23708	3.3	61
22	Curvilinear MetaSurfaces for Surface Wave Manipulation. <i>Scientific Reports</i> , <b>2019</b> , 9, 3107	4.9	60
21	Metasurfaces for Advanced Sensing and Diagnostics. <i>Sensors</i> , <b>2019</b> , 19,	3.8	52
20	Modeling and design for electromagnetic surface wave devices. <i>Radio Science</i> , <b>2017</b> , 52, 1049-1057	1.4	38
19	Optical Properties of Modified Nanorod Particles for Biomedical Sensing. <i>IEEE Transactions on Magnetism</i> , <b>2014</b> , 50, 169-172	2	19
18	METAMATERIAL-BASED SENSOR DESIGN WORKING IN INFRARED FREQUENCY RANGE. <i>Progress in Electromagnetics Research B</i> , <b>2011</b> , 34, 205-223	0.7	18
17	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> , <b>2014</b> , 33, 2016-2029	0.7	17
16	Metamaterial biosensor for cancer detection <b>2011</b> ,		17
15	Nanoparticle device for biomedical and optoelectronics applications. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , <b>2013</b> , 32, 1596-1608	0.7	16
14	Electromagnetic modeling of ellipsoidal nanoparticles for sensing applications. <i>Optical Engineering</i> , <b>2013</b> , 52, 051205	1.1	16
13	Conical Nanoparticles for Blood Disease Detection. <i>Advances in Nanoparticles</i> , <b>2013</b> , 02, 259-265	1.4	13
12	Electromagnetic and thermal nanostructures: from waves to circuits. <i>Engineering Research Express</i> , <b>2020</b> , 2, 015045	0.9	12
11	Spectral Green's Function for SPR Meta-Structures. <i>Materials Science Forum</i> , <b>2014</b> , 792, 110-114	0.4	12
10	Modified Bow-Tie Nanoparticles Operating in the Visible and Near Infrared Frequency Regime. <i>Advances in Nanoparticles</i> , <b>2013</b> , 02, 21-27	1.4	11
9	Nanoparticle Electromagnetic Properties for Sensing Applications. <i>Advances in Nanoparticles</i> , <b>2012</b> , 01, 9-14	1.4	10

8	Metamaterial resonator arrays for organic and inorganic compound sensing <b>2011</b> ,		6
7	The Graphene Field Effect Transistor Modeling Based on an Optimized Ambipolar Virtual Source Model for DNA Detection. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 8114	2.6	3
6	Sensor design for cancer tissue diagnostics <b>2012</b> ,		2
5	MetaSurface Structure Design and Channel Modelling for THz Band Communications <b>2019</b> ,		1
4	Electromagnetic modeling of metamaterial-based sensors <b>2014</b> ,		1
3	Metamaterial-based sensor for hemoglobin measurements <b>2012</b> ,		1
2	A Tool for Modeling, Design and Applications of MetaSurfaces <b>2018</b> ,		1
1	<b>2020</b> ,		1