

Luigi La Spada

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

745
citations

623188

14
h-index

887659

17
g-index

38
all docs

38
docs citations

38
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic Nanoparticles for Sensing and Medical Diagnostic Applications. <i>Materials</i> , 2018, 11, 603.	1.3	96
2	Metamaterial-based wideband electromagnetic wave absorber. <i>Optics Express</i> , 2016, 24, 5763.	1.7	91
3	Curvilinear MetaSurfaces for Surface Wave Manipulation. <i>Scientific Reports</i> , 2019, 9, 3107.	1.6	86
4	Near-zero-index wires. <i>Optics Express</i> , 2017, 25, 23699.	1.7	84
5	Metasurfaces for Advanced Sensing and Diagnostics. <i>Sensors</i> , 2019, 19, 355.	2.1	76
6	Modeling and design for electromagnetic surface wave devices. <i>Radio Science</i> , 2017, 52, 1049-1057.	0.8	41
7	Metamaterial biosensor for cancer detection. , 2011, , .		32
8	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.	1.3	32
9	Electromagnetic and thermal nanostructures: from waves to circuits. <i>Engineering Research Express</i> , 2020, 2, 015045.	0.8	27
10	METAMATERIAL-BASED SENSOR DESIGN WORKING IN INFRARED FREQUENCY RANGE. <i>Progress in Electromagnetics Research B</i> , 2011, 34, 205-223.	0.7	23
11	Optical Properties of Modified Nanorod Particles for Biomedical Sensing. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 169-172.	1.2	23
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.	0.5	21
13	Electromagnetic modeling of ellipsoidal nanoparticles for sensing applications. <i>Optical Engineering</i> , 2013, 52, 051205.	0.5	19
14	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.	0.5	18
15	Conical Nanoparticles for Blood Disease Detection. <i>Advances in Nanoparticles</i> , 2013, 02, 259-265.	0.3	15
16	Modified Bow-Tie Nanoparticles Operating in the Visible and Near Infrared Frequency Regime. <i>Advances in Nanoparticles</i> , 2013, 02, 21-27.	0.3	14
17	Spectral Green's Function for SPR Meta-Structures. <i>Materials Science Forum</i> , 2014, 792, 110-114.	0.3	13
18	Nanoparticle Electromagnetic Properties for Sensing Applications. <i>Advances in Nanoparticles</i> , 2012, 01, 9-14.	0.3	13

#	ARTICLE	IF	CITATIONS
19	Metamaterial resonator arrays for organic and inorganic compound sensing. , 2011, , .		8
20	MetaSurface Structure Design and Channel Modelling for THz Band Communications. , 2019, , .		3
21	Metamaterial-based sensor for hemoglobin measurements. , 2012, , .		2
22	Sensor design for cancer tissue diagnostics. , 2012, , .		2
23	Metamaterials for electromagnetic and thermal waves. , 2020, , .		2
24	Electromagnetic modeling of metamaterial-based sensors. , 2014, , .		1
25	Metasurface sensors for healthcare applications. , 2020, , .		1
26	A Tool for Modeling, Design and Applications of MetaSurfaces. , 2018, , .		1
27	Controlling Light by Curvilinear MetaSurfaces. , 2019, , .		1
28	Response to "Comment on the paper "Electromagnetic modeling of ellipsoidal nanoparticles for sensing applications" Optical Engineering, 2013, 52, 079702.	0.5	0
29	Metasurface-Epsilon Near Zero-based Electromagnetic Wave Absorber. , 2014, , .		0
30	A generic design approach for metasurfaces to manipulate surface waves. , 2016, , .		0
31	Microwave devices for controlling surface waves. , 2016, , .		0
32	Tailoring of electromagnetic waves by metasurfaces. , 2017, , .		0
33	Electromagnetic wave control by metasurfaces: From design to manufacturing. , 2017, , .		0
34	Electromagnetic waves control for antennas applications. , 2017, , .		0
35	Modeling and manufacturing for surface wave control. , 2017, , .		0
36	Metasurfaces for sensing and medical diagnostics. , 2019, , .		0

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37	Epsilon-Near-Zero Nanoantennas. , 2014, , .		0