

Tiago JosÃ© Arruda

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

249
citations

933447

10
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconventional Fano effect and off-resonance field enhancement in plasmonic coated spheres. <i>Physical Review A</i> , 2013, 87, .	2.5	31
2	Electromagnetic energy within magnetic spheres. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2010, 27, 992.	1.5	23
3	Electromagnetic energy and negative asymmetry parameters in coated magneto-optical cylinders: Applications to tunable light transport in disordered systems. <i>Physical Review A</i> , 2016, 94, .	2.5	23
4	Tunable multiple Fano resonances in magnetic single-layered core-shell particles. <i>Physical Review A</i> , 2015, 92, .	2.5	22
5	Arithmetical and geometrical means of generalized logarithmic and exponential functions: Generalized sum and product operators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 2578-2582.	2.1	20
6	Electromagnetic energy within coated spheres containing dispersive metamaterials. <i>Journal of Optics (United Kingdom)</i> , 2012, 14, 065101.	2.2	20
7	Fano resonances and fluorescence enhancement of a dipole emitter near a plasmonic nanoshell. <i>Physical Review A</i> , 2017, 96, .	2.5	20
8	Electromagnetic energy within a magnetic infinite cylinder and scattering properties for oblique incidence. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2010, 27, 1679.	1.5	14
9	Electromagnetic energy within coated cylinders at oblique incidence and applications to graphene coatings. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014, 31, 1811.	1.5	13
10	Omnidirectional absorption and off-resonance field enhancement in dielectric cylinders coated with graphene layers. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2015, 32, 943.	1.5	12
11	Controlling photon bunching and antibunching of two quantum emitters near a core-shell sphere. <i>Physical Review A</i> , 2020, 101, .	2.5	10
12	Electromagnetic energy within single-resonance chiral metamaterial spheres. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2013, 30, 1205.	1.5	9
13	Tunable Fano resonances in the decay rates of a pointlike emitter near a graphene-coated nanowire. <i>Physical Review B</i> , 2018, 98, .	3.2	9
14	Photon-antibunching in the fluorescence of statistical ensembles of emitters at an optical nanofiber-tip. <i>New Journal of Physics</i> , 2019, 21, 035009.	2.9	7
15	Controlling optical memory effects in disordered media with coated metamaterials. <i>Physical Review A</i> , 2018, 98, .	2.5	6
16	Electromagnetic energy stored in inhomogeneous scattering systems. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2017, 34, 1934.	1.5	5
17	Fano Resonances in Plasmonic Core-Shell Particles and the Purcell Effect. <i>Springer Series in Optical Sciences</i> , 2018, , 445-472.	0.7	4
18	A set of basis functions to improve numerical calculation of Mie scattering in the Chandrasekhar-Sekera representation. <i>Waves in Random and Complex Media</i> , 2021, 31, 2275-2289.	2.7	1

#	ARTICLE	IF	CITATIONS
19	Symmetries in cavity models: Beyond the rotating wave approximation. Results in Physics, 2021, 29, 104655.	4.1	0