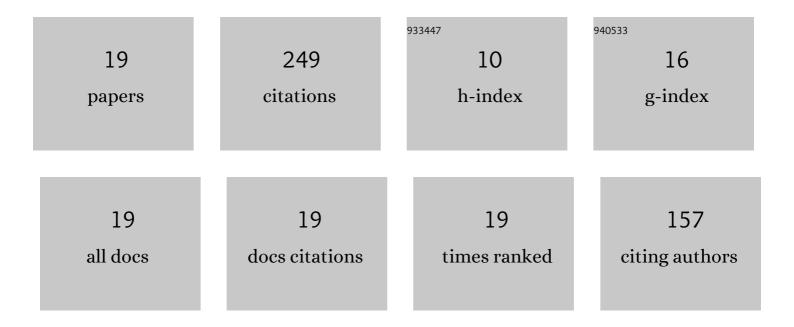
Tiago José Arruda

List of Publications by Year in descending order

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