

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 | 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 |
| 2 | Symmetries in cavity models: Beyond the rotating wave approximation. <i>Results in Physics</i> , 2021, 29, 104655. | 4.1 | 0 |
| 3 | Controlling photon bunching and antibunching of two quantum emitters near a core-shell sphere. <i>Physical Review A</i> , 2020, 101, . | 2.5 | 10 |
| 4 | 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 |
| 5 | Fano Resonances in Plasmonic Core-Shell Particles and the Purcell Effect. <i>Springer Series in Optical Sciences</i> , 2018, , 445-472. | 0.7 | 4 |
| 6 | 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 |
| 7 | Controlling optical memory effects in disordered media with coated metamaterials. <i>Physical Review A</i> , 2018, 98, . | 2.5 | 6 |
| 8 | Fano resonances and fluorescence enhancement of a dipole emitter near a plasmonic nanoshell. <i>Physical Review A</i> , 2017, 96, . | 2.5 | 20 |
| 9 | 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 |
| 10 | 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 |
| 11 | Tunable multiple Fano resonances in magnetic single-layered core-shell particles. <i>Physical Review A</i> , 2015, 92, . | 2.5 | 22 |
| 12 | 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 |
| 13 | 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 |
| 14 | Unconventional Fano effect and off-resonance field enhancement in plasmonic coated spheres. <i>Physical Review A</i> , 2013, 87, . | 2.5 | 31 |
| 15 | 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 |
| 16 | Electromagnetic energy within coated spheres containing dispersive metamaterials. <i>Journal of Optics (United Kingdom)</i> , 2012, 14, 065101. | 2.2 | 20 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |