

Carlos Humberto Oliveira Costa

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

295
citations

759233

12
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Octonacci photonic quasicrystals. <i>Optical Materials</i> , 2015, 46, 378-383.	3.6	47
2	Transmission spectra in graphene-based octonacci one-dimensional photonic quasicrystals. <i>Optical Materials</i> , 2019, 89, 623-629.	3.6	32
3	Robust Photonic Bandgaps in Quasiperiodic and Random Extrinsic Magnetized Plasma. <i>IEEE Transactions on Plasma Science</i> , 2019, 47, 1726-1733.	1.3	23
4	Band gaps and transmission spectra in generalized Fibonacci (p, q) one-dimensional magnonic quasicrystals. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 286002.	1.8	20
5	Thermal radiation in one-dimensional photonic quasicrystals with graphene. <i>Optical Materials</i> , 2017, 72, 756-764.	3.6	20
6	Light propagation in quasiperiodic dielectric multilayers separated by graphene. <i>Physical Review B</i> , 2017, 96, .	3.2	19
7	Effects of graphene on light transmission spectra in Dodecanacci photonic quasicrystals. <i>Optical Materials</i> , 2019, 98, 109450.	3.6	18
8	Photonic transmission spectra in graphene-based Gaussian random multilayers. <i>Optical Materials</i> , 2020, 104, 109838.	3.6	17
9	Fractal spectra in generalized Fibonacci one-dimensional magnonic quasicrystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 2315-2323.	2.3	16
10	Band gaps in the terahertz frequency range in quasiperiodic one-dimensional magnonic crystals. <i>Solid State Communications</i> , 2010, 150, 2325-2328.	1.9	15
11	Partial band gaps in magnonic crystals. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	15
12	Tunable terahertz absorption in Si/SiO ₂ -graphene multilayers: disorder and magneto-optical effects. <i>Applied Optics</i> , 2020, 59, 11034.	1.8	15
13	Photonic Bandgap of Random in Layer Position Extrinsic Magnetized Plasma Multilayer. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 2097-2105.	1.3	12
14	Enhanced transmission induced by embedded graphene in periodic, quasiperiodic, and random photonic crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, 3801.	2.1	12
15	Magnons in one-dimensional k-component Fibonacci structures. <i>Journal of Applied Physics</i> , 2014, 115, 17C115.	2.5	6
16	Spin wave propagation spectra in Octonacci one-dimensional magnonic quasicrystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 456, 228-235.	2.3	3
17	Tuning band structures of photonic multilayers with positive and negative refractive index materials according to generalized Fibonacci and Thue-Morse sequences. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 135703.	1.8	2
18	Impact of arrangement, length and chemical potential on the robustness of graphene induced photonic bandgap in photonic crystals. <i>Results in Physics</i> , 2022, 37, 105444.	4.1	2

#	ARTICLE	IF	CITATIONS
19	Propagation of electromagnetic waves on quasiperiodic rare-earth multilayers. <i>Optical Materials</i> , 2021, 114, 111003.	3.6	1
20	Static and dynamic properties of [<i>hkl</i>] low-symmetry trilayers. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 929-941.	1.5	0
21	Transfer-matrix method of circular polarization light in an axionic photonic insulator. <i>Physical Review A</i> , 2021, 104, .	2.5	0
22	Study of photonic band gap robustness in disordered polymer photonic crystals under hydrostatic pressure. <i>Optical Materials</i> , 2022, 125, 112094.	3.6	0