

# C A Duarte

## List of Publications by Year in descending order

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31  
papers

259  
citations

1163117

8  
h-index

940533

16  
g-index

31  
all docs

31  
docs citations

31  
times ranked

345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Characterization of Bitumen: Inspecting the Quantum Size Effect in Nanostructured Phase. Applied Spectroscopy, 2022, , 000370282210811.	2.2	0
2	Optical Investigation of Essential Oils Using Absorbance and Photoluminescence. Applied Spectroscopy, 2021, 75, 1136-1145.	2.2	2
3	Influence of Gamma Ray Irradiation on the Optical Properties of Calcite and Dolomite. Applied Spectroscopy, 2020, 74, 507-514.	2.2	3
4	Stacked Multilayer Organic WORM Memory with Epoxy Resin and Carbon Nanospheres. Journal of Electronic Materials, 2020, 49, 5600-5605.	2.2	1
5	Study of the Influence of Temperature on the Optical and Structural Properties of Dolomite. Applied Spectroscopy, 2020, 74, 1280-1286.	2.2	0
6	Organic WORM memory with carbon nanoparticle/epoxy active layer. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	33
7	Selective dependence of the electron-phonon interaction on the nature of the optical transition in AlGaAs quantum wells. Journal of Luminescence, 2018, 202, 322-326.	3.1	3
8	A simple geometry-based model for the photon. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850163.	2.0	0
9	Epoxy resin in organic WORM memories: From capsuling to the active layer. Organic Electronics, 2016, 34, 57-66.	2.6	6
10	Impact of Electric Field Application During Curing on Epoxy-Carbon Nanotube Nanocomposite Electrical Conductivity. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 627-634.	3.7	9
11	The classical geometrization of the electromagnetism. International Journal of Geometric Methods in Modern Physics, 2015, 12, 1560022.	2.0	4
12	Structural, morphological and optical properties of Bi NPs obtained by laser ablation and their selective detection of L-cysteine. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 457, 368-373.	4.7	20
13	Vibrational and structural properties of an amorphous InSe9 alloy produced by mechanical alloying. European Physical Journal B, 2013, 86, 1.	1.5	4
14	Indirect optical transitions from carriers trapped on the delta doping and on the parabolic quantum well. Physics Procedia, 2012, 28, 53-56.	1.2	0
15	Radiant heat exchange mediated by gaseous atmosphere. Journal of Thermal Analysis and Calorimetry, 2012, 107, 425-430.	3.6	0
16	Fractional quantum Hall effect in second subband of a 2DES. Europhysics Letters, 2011, 94, 37010.	2.0	2
17	A thermocouple vacuum gauge for low vacuum measurement. Vacuum, 2011, 85, 972-974.	3.5	6
18	Excitons in undoped AlGaAs/GaAs wide parabolic quantum wells. Journal of Physics: Conference Series, 2010, 210, 012052.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Convergence and instability of iterative procedures on the one-dimensional Schrödinger-Poisson problem. Computer Physics Communications, 2010, 181, 1501-1509.	7.5	5
20	VALLEY SPLITTING AND g-FACTOR IN AIAs QUANTUM WELLS. International Journal of Modern Physics B, 2009, 23, 2948-2954.	2.0	1
21	Interlayer interference in double wells in a tilted magnetic field. Physical Review B, 2008, 78, .	3.2	15
22	Many-body effects in wide parabolic AlGaAs quantum wells. Journal of Applied Physics, 2007, 102, 093715.	2.5	7
23	Landau-level crossing in two-subband systems in a tilted magnetic field. Physical Review B, 2007, 76, .	3.2	21
24	Photoluminescence temperature dependence of doped parabolic quantum wells. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 369-371.	0.8	0
25	Magnetotransport in Al <sub>x</sub> Ga <sub>1-x</sub> As quantum wells with different potential shapes. Brazilian Journal of Physics, 2006, 36, 336-339.	1.4	16
26	Spin valve effect and hall resistance in a wide parabolic well. Brazilian Journal of Physics, 2006, 36, 488-491.	1.4	0
27	Electric field controlled g-factor in parabolic well determined by transport measurements. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 329-332.	2.7	4
28	Spin-dependent Hall effect in a parabolic well with a quasi-three-dimensional electron gas. Physical Review B, 2005, 71, .	3.2	5
29	Room temperature ferromagnetism in cubic GaN epilayers implanted with Mn <sup>+</sup> ions. Applied Physics Letters, 2004, 85, 3777-3779.	3.3	52
30	Influence of the temperature on the carrier capture into self-assembled InAs/GaAs quantum dots. Journal of Applied Physics, 2003, 93, 6279-6283.	2.5	35
31	Emergence of new category of continued fractions from the Sturm-Liouville problem and the Schrödinger equation. Sao Paulo Journal of Mathematical Sciences, 0, , 1.	0.4	0