

# Ilde Guedes

## List of Publications by Year in descending order

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docs citations

109  
times ranked

2502  
citing authors

#	ARTICLE	IF	CITATIONS
1	London superconductivity approach in a time-dependent background. Physica C: Superconductivity and Its Applications, 2021, 580, 1353783.	0.6	1
2	Information measures of a deformed harmonic oscillator in a static electric field. Physica A: Statistical Mechanics and Its Applications, 2018, 499, 250-257.	1.2	9
3	Entropy and Information of a harmonic oscillator in a time-varying electric field in 2D and 3D noncommutative spaces. Physica A: Statistical Mechanics and Its Applications, 2017, 477, 65-77.	1.2	8
4	Entropy and information of a spinless charged particle in time-varying magnetic fields. Journal of Mathematical Physics, 2016, 57, .	0.5	20
5	On the dynamics of a time-dependent mesoscopic LC circuit with a negative inductance. Modern Physics Letters B, 2016, 30, 1650122.	1.0	5
6	Exact wave functions and uncertainties for a spinless charged particle in a time-dependent Penning trap. International Journal of Mass Spectrometry, 2016, 409, 21-28.	0.7	5
7	Polarized Raman spectra of LiBaB9O15 single crystal. Materials Letters, 2016, 162, 254-256.	1.3	2
8	Tsallis, R�nyi, and Shannon entropies for time-dependent mesoscopic RLC circuits. Progress of Theoretical and Experimental Physics, 2015, 2015, 113A01.	1.8	5
9	Spectroscopic properties of highly Nd-doped lead phosphate glass. Journal of Alloys and Compounds, 2015, 648, 338-345.	2.8	35
10	Fisher information and Shannon entropy of position-dependent mass oscillators. Physica A: Statistical Mechanics and Its Applications, 2015, 434, 211-219.	1.2	19
11	Shannon entropy, Fisher information and uncertainty relations for log-periodic oscillators. Physica A: Statistical Mechanics and Its Applications, 2015, 423, 72-79.	1.2	30
12	Fisher information of quantum damped harmonic oscillators. Physica Scripta, 2015, 90, 045207.	1.2	16
13	Lattice dynamics of KxRhO2 single crystals. AIP Advances, 2015, 5, .	0.6	11
14	Magnetic and vibrational properties of Gd2(Mo0.9W0.1O4)3 and Gd1.8Er0.2(MoO4)3. Journal of Magnetism and Magnetic Materials, 2015, 378, 50-53.	1.0	3
15	Time-dependent coupled harmonic oscillators: Classical and quantum solutions. International Journal of Modern Physics E, 2014, 23, 1450048.	0.4	3
16	Thermal properties of a DNA denaturation with solvent interaction. Physica A: Statistical Mechanics and Its Applications, 2014, 404, 234-241.	1.2	28
17	Joint entropy of quantum damped harmonic oscillators. Physica A: Statistical Mechanics and Its Applications, 2014, 401, 159-166.	1.2	7
18	Impedance spectroscopy study of SiO2-Li2O:Nd2O3 glasses. Journal of Alloys and Compounds, 2014, 597, 79-84.	2.8	10

#	ARTICLE	IF	CITATIONS
19	QUANTUM KALBÂ€“RAMOND FIELD IN D-DIMENSIONAL DE SITTER SPACEÂ€“TIMES. International Journal of Modern Physics A, 2013, 28, 1350011.	0.5	0
20	Structural and optical properties of 60B2O3Â€“(20Âˆ~x)Na2OÂ€“10PbOÂ€“10Al2O3:xTiO2:yNd2O3 glasses. Optical Materials, 2013, 35, 2544-2550.	1.7	11
21	Subtissue Thermal Sensing Based on Neodymium-Doped LaF<sub>3</sub> Nanoparticles. ACS Nano, 2013, 7, 1188-1199.	7.3	338
22	Raman spectra of Ga3PO7 single crystal. Materials Letters, 2013, 98, 258-260.	1.3	1
23	Osciladores harmÃˆnicos amortecidos dependentes do tempo. Revista Brasileira De Ensino De Fisica, 2013, 35, .	0.2	1
24	Thermal lens study of thermo-optical properties and concentration quenching of Er3+-doped lead pyrophosphate-based glasses. Journal of Applied Physics, 2012, 111, .	1.1	11
25	AN EXACT SOLUTION TO THE QUANTIZED ELECTROMAGNETIC FIELD IN D-DIMENSIONAL DE SITTER SPACEÂ€“TIMES. International Journal of Modern Physics A, 2012, 27, 1250177.	0.5	4
26	Time-dependent coupled harmonic oscillators. Journal of Mathematical Physics, 2012, 53, .	0.5	19
27	Quantum scalar field in D-dimensional de Sitter spacetimes. Europhysics Letters, 2012, 98, 11001.	0.7	5
28	The quantum Lane-Emden-type Kanai-Caldirola oscillators. Journal of Mathematical Physics, 2012, 53, 122104.	0.5	5
29	Phase transitions investigation by Raman spectroscopy in highly diluted KTN crystals. Journal of Alloys and Compounds, 2012, 531, 14-17.	2.8	9
30	Phonon spectra of CBN crystals. Vibrational Spectroscopy, 2012, 58, 74-78.	1.2	20
31	Wave functions of log-periodic oscillators. Journal of Mathematical Physics, 2011, 52, 062106.	0.5	2
32	Movimento de uma partÃˆcula em um potencial pseudo-harmÃˆnico. Revista Brasileira De Ensino De Fisica, 2011, 33, .	0.2	0
33	The role of TiO2 in the B2O3Â€“Na2OÂ€“PbOÂ€“Al2O3 glass system. Journal of Solid State Chemistry, 2011, 184, 3062-3065.	1.4	29
34	Control of luminescence emitted by Cd<sub>1 - x</sub>Mn<sub>x</sub>S nanocrystals in a glass matrix: concentration and thermal annealing. Nanotechnology, 2011, 22, 105709.	1.3	26
35	Phonons in isostructural (Nd,Yb):Y Gd1Âˆ~(VO4) laser crystals: A Raman scattering study. Journal of Solid State Chemistry, 2011, 184, 905-910.	1.4	12
36	Growth and characterization of congruent lithium isotope niobate (7LiNbO3) single crystal. Journal of Crystal Growth, 2011, 318, 645-648.	0.7	3

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37	Phase transitions in $\text{Pb}_{8-x}\text{O}_{5-x}(\text{XO}_4)_2$ (X = As and V) compounds. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1567-1573.	1.2	2
38	Third-order nonlinearity of $\text{Er}^{3+}$ -doped lead phosphate glass. <i>Applied Physics B: Lasers and Optics</i> , 2010, 99, 559-563.	1.1	11
39	Raman investigations of rare-earth arsenate single crystals. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 694-697.	1.2	10
40	Optical-active phonons in $\text{A}_3\text{Fe}_2\text{B}_3\text{O}_9$ (A=Ca, Sr; B=Te, W) double perovskites. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	7
41	Spectroscopic properties of $\text{Er}^{3+}$ -doped lead phosphate glasses for photonic application. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 025102.	1.3	70
42	Quantum efficiencies and thermo-optical properties of $\text{Er}^{3+}$ , $\text{Nd}^{3+}$ , and $\text{Pr}^{3+}$ -single doped lead-indium-phosphate glasses. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	13
43	Vibrational modes of rare-earth formates. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 954-957.	1.2	3
44	Vibrational study of $\text{A}_3\text{In}_2\text{B}_3\text{O}_9$ (A = Ba, Sr; B = U, W) double perovskites. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 1028-1032.	1.2	12
45	Nonlinear refractive index of RECOB (RE=La and Gd) crystals. <i>Applied Physics B: Lasers and Optics</i> , 2009, 94, 221-225.	1.1	7
46	Raman spectroscopic characterization of $\text{RECa}_4\text{O}(\text{BO}_3)_3$ (RE=La and Gd) crystals. <i>Vibrational Spectroscopy</i> , 2008, 46, 100-106.	1.2	23
47	Optical characterization of $\text{Nd}^{3+}$ - and $\text{Er}^{3+}$ -doped lead-indium-phosphate glasses. <i>Journal of Applied Physics</i> , 2007, 102, 043113.	1.1	19
48	Heterodyne Z-scan measurements of slow absorbers. <i>Journal of Applied Physics</i> , 2007, 101, 063112.	1.1	8
49	Raman investigation of $\text{A}_2\text{CoBO}_6$ (A=Sr and Ca, B=Te and W) double perovskites. <i>Journal of Applied Physics</i> , 2007, 101, 123511.	1.1	90
50	Raman investigations of rare earth orthovanadates. <i>Journal of Applied Physics</i> , 2007, 101, 053511.	1.1	77
51	Low-temperature Raman spectra of $\text{YbVO}_4$ . <i>Vibrational Spectroscopy</i> , 2007, 45, 95-98.	1.2	9
52	Precise control of superluminal and slow light propagation by transverse phase modulation. <i>Optics Express</i> , 2006, 14, 6201.	1.7	12
53	The Orthorhombic to Tetragonal Phase Transition in $\text{Bi}_2\text{xSrNb}_2\text{xHfxO}_9$ . <i>Ferroelectrics</i> , 2006, 337, 207-211.	0.3	3
54	Vibrational spectra of monazite-type rare-earth orthophosphates. <i>Optical Materials</i> , 2006, 29, 224-230.	1.7	131

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55	Hyperfine characterization of Bi <sub>1.9</sub> Te <sub>0.1</sub> SrNb <sub>1.9</sub> Hf <sub>0.1</sub> O <sub>9</sub> . Solid State Communications, 2006, 139, 97-101.	0.9	0
56	Frequency doubling of phase-modulated chirped ultrashort laser pulses using a deformable mirror. Laser Physics, 2006, 16, 1058-1061.	0.6	1
57	Measuring optical nonlinearities using a heterodyne Z-Scan technique. , 2006, , .		0
58	Coherent control of optically induced birefringence in azoaromatic molecules. Physical Review A, 2006, 74, .	1.0	11
59	Coherent control of two-photon induced optical storage. , 2006, , .		0
60	Study of the Aurivillius phases Bi <sub>4</sub> Sr <sub>n</sub> ~ <sup>3</sup> Ti <sub>n</sub> O <sub>3n+3</sub> (n=4, 5) synthesized by mechanochemical activation. Solid State Communications, 2005, 136, 621-626.	0.9	12
61	Femtosecond pulse compression using the Z-scan technique and closed-loop evolutionary algorithm. Journal of Applied Physics, 2005, 98, 083521.	1.1	3
62	QUANTUM STATES OF A GENERALIZED PENDULUM UNDER TIME-DEPENDENT GRAVITATION. Modern Physics Letters A, 2005, 20, 553-560.	0.5	2
63	Exact quantum motion of a particle trapped by oscillating fields. Journal of Physics A, 2005, 38, 7757-7763.	1.6	30
64	Raman scattering study of Tb(V <sub>1</sub> ~ <sup>x</sup> Px)O <sub>4</sub> single crystals. Journal of Applied Physics, 2004, 95, 1148-1151.	1.1	31
65	Phonon spectra of terbium-doped lutetium orthophosphates. Journal of Applied Physics, 2004, 96, 6344-6347.	1.1	6
66	QUANTUM STATES OF A GENERALIZED TIME-DEPENDENT INVERTED HARMONIC OSCILLATOR. International Journal of Modern Physics B, 2004, 18, 1379-1385.	1.0	24
67	EXACT QUANTUM STATES OF AN INVERTED PENDULUM UNDER TIME-DEPENDENT GRAVITATION. International Journal of Modern Physics A, 2004, 19, 4165-4172.	0.5	5
68	Thermal behavior in Pr(HCOO) <sub>3</sub> crystals. Journal of Raman Spectroscopy, 2004, 35, 159-164.	1.2	6
69	Sequence of structural phase transitions of CsInF <sub>4</sub> crystal. Solid State Communications, 2004, 129, 539-543.	0.9	1
70	Phase diagram of the relaxor (1~ <sup>x</sup> )Pb(Zn <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> ~ <sup>x</sup> PbTiO <sub>3</sub> investigated by dielectric and Raman spectroscopies. Solid State Communications, 2004, 131, 111-114.	0.9	33
71	Crystal structure and vibrational spectrum of the NaCaMg <sub>2</sub> F <sub>7</sub> pyrochlore. Journal of Solid State Chemistry, 2004, 177, 2943-2950.	1.4	17
72	Spectroscopic characterization of BPSCCO thin films grown by dip-coating technique. Physica C: Superconductivity and Its Applications, 2003, 390, 239-242.	0.6	9

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73	Infrared absorption spectra of Buriti ( <i>Mauritia flexuosa</i> L.) oil. <i>Vibrational Spectroscopy</i> , 2003, 33, 127-131.	1.2	69
74	Reply to "Comment on "Solution of the Schrödinger equation for the time-dependent linear potential" ". <i>Physical Review A</i> , 2003, 68, .	1.0	18
75	Canonical Approach to the Time-Dependent Parametric Oscillator with and without a Singular Potential. <i>International Journal of Modern Physics B</i> , 2003, 17, 2903-2912.	1.0	3
76	New Features of the Morphotropic Phase Boundary in the $\text{PbZrO}_3$ - $\text{PbTiO}_3$ System: A Raman Spectroscopy Study. <i>Ferroelectrics</i> , 2002, 272, 21-26.	0.3	2
77	Upper bound for the magnetic proximity effect extracted from Brillouin light scattering. <i>Physical Review B</i> , 2002, 65, .	1.1	7
78	WAVE FUNCTION OF THE TIME-DEPENDENT INVERTED HARMONIC OSCILLATOR. <i>Modern Physics Letters B</i> , 2002, 16, 637-643.	1.0	22
79	Elastic moduli and the mechanical properties of stishovite single crystals. <i>Physics-Uspexhi</i> , 2002, 45, 447-448.	0.8	25
80	Raman scattering study of the $\text{PbZr}_{1-x}\text{Ti}_x\text{O}_3$ system: Rhombohedral-monoclinic-tetragonal phase transitions. <i>Physical Review B</i> , 2002, 66, .	1.1	99
81	Temperature-dependent Raman scattering study of $\text{Fe}_3\text{O}_2\text{BO}_3$ ludwigite. <i>Journal of Raman Spectroscopy</i> , 2002, 33, 1-5.	1.2	8
82	Monoclinic-orthorhombic phase transition in $\text{Ba}_2\text{Cu}(\text{HCOO})_6$ crystals: a Raman scattering study. <i>Journal of Raman Spectroscopy</i> , 2002, 33, 37-41.	1.2	3
83	Phonons in isostructural compounds $\text{Cu}_x\text{M}_{1-x}(\text{HCOO})_2 \cdot \frac{1}{2}\text{H}_2\text{O}$ ( $M = \text{Mn, Co, Ni, Zn, and Cd}$ ): a Raman scattering study. <i>Journal of Raman Spectroscopy</i> , 2002, 33, 273-277.	1.2	7
84	Evidence for a new structure in a mixed metal sulphate system by EXAFS. <i>X-Ray Spectrometry</i> , 2002, 31, 162-166.	0.9	0
85	Low-temperature phase transition in $\text{CsInF}_4$ . <i>Solid State Communications</i> , 2002, 122, 549-551.	0.9	1
86	Disorder-induced symmetry lowering in the $\text{CsInMgF}_6$ pyrochlore crystal. <i>Physical Review B</i> , 2002, 66, .	1.1	22
87	Brillouin Scattering Study of the Elastic Constants of $\text{ErVO}_4$ . <i>Journal of the American Ceramic Society</i> , 2002, 85, 1001-1003.	1.9	25
88	Solution of the Schrödinger equation for the time-dependent linear potential. <i>Physical Review A</i> , 2001, 63, .	1.0	85
89	Raman study of phonon modes in $\text{ErVO}_4$ single crystals. <i>Journal of Applied Physics</i> , 2001, 90, 1843-1846.	1.1	46
90	Brillouin scattering and diffracted magneto-optical Kerr effect from arrays of dots and antidots (invited). <i>Journal of Applied Physics</i> , 2001, 89, 7096-7100.	1.1	21

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91	Vibrational spectra of Ba <sub>2</sub> Cu(HCOO) <sub>6</sub> crystals. Journal of Raman Spectroscopy, 2000, 31, 491-495.	1.2	11
92	Metastable ferroelectric phase in potassium dihydrogen phosphate induced by a static electric field. Journal of Raman Spectroscopy, 2000, 31, 915-919.	1.2	3
93	Raman phonons in La <sub>2-2x</sub> Sr <sub>1+2x</sub> Mn <sub>2</sub> O <sub>7</sub> layered manganites. Journal of Raman Spectroscopy, 2000, 31, 1013-1015.	1.2	1
94	Temperature-Dependent Raman Study of CaCu(HCOO) <sub>4</sub> and Ca <sub>2</sub> Cu(HCOO) <sub>6</sub> Crystals. Journal of Solid State Chemistry, 2000, 154, 338-343.	1.4	7
95	Ionic conductivity and crystalline structure of Li <sub>2</sub> CaHfF <sub>8</sub> crystals. Solid State Ionics, 2000, 136-137, 345-350.	1.3	1
96	High-pressure dependence of Sm <sup>3+</sup> emission in PbO-PbF <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> glasses. Journal of Materials Science Letters, 2000, 19, 135-137.	0.5	27
97	A new phase in the LiRbSO <sub>4</sub> -LiCsSO <sub>4</sub> system. Journal of Physics Condensed Matter, 2000, 12, 7559-7568.	0.7	8
98	Monoclinic phase of PbZr <sub>0.52</sub> Ti <sub>0.48</sub> O <sub>3</sub> ceramics: Raman and phenomenological thermodynamic studies. Physical Review B, 2000, 61, 14283-14286.	1.1	64
99	Oxygen stoichiometry in Sr <sub>3</sub> Mn <sub>2</sub> O <sub>7</sub> : A Raman scattering investigation. Physical Review B, 2000, 62, 13809-13811.	1.1	2
100	Magnetization of negative magnetic arrays: Elliptical holes on a square lattice. Physical Review B, 2000, 62, 11719-11724.	1.1	66
101	The concentration-pressure phase diagram for Zr-rich PbZr <sub>1-x</sub> Ti <sub>x</sub> O <sub>3</sub> ceramics. Journal of Physics Condensed Matter, 2000, 12, 7295-7302.	0.7	7
102	Raman spectroscopy characterization of Li <sub>2</sub> CaHfF <sub>8</sub> crystals. Journal of Physics Condensed Matter, 1999, 11, 5343-5354.	0.7	5
103	Temperature-uniaxial pressure phase diagram of KH <sub>2</sub> PO <sub>4</sub> . Physical Review B, 1999, 59, 3276-3279.	1.1	16
104	A Raman investigation of PbZr <sub>0.94</sub> Ti <sub>0.06</sub> O <sub>3</sub> ceramics under high-pressure. Solid State Communications, 1999, 112, 383-386.	0.9	15
105	Pressure-Induced Changes of SO <sub>4</sub> Sites in LiNaSO <sub>4</sub> Crystal. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1998, 7, 137-138.	0.1	4
106	Wave functions of a time-dependent harmonic oscillator with and without a singular perturbation. Physical Review A, 1997, 56, 4300-4303.	1.0	107
107	Influence of photon-assisted energy transfer on the nonlinear refractive index of GdAlO <sub>3</sub> :Cr <sup>3+</sup> . Physical Review B, 1992, 46, 14387-14391.	1.1	6
108	Quantum-statistical properties of a laser with output coupling. Physical Review A, 1990, 42, 6858-6868.	1.0	8

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109	Quantum theory of laser transmission loss. Physical Review A, 1989, 40, 2463-2470.	1.0	10