Esmerindo Bernardes

List of Publications by Year
in descending order

16	298	1307594 7	1058476 14
papers	citations	h-index	g-index

16	16	16	220
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spin-orbit coupling in wurtzite heterostructures. Physical Review B, 2020, 101, .	3.2	22
2	A Direct Numerov Sixth-order Numerical Scheme to Accurately Solve the Unidimensional Poisson Equation with Dirichlet Boundary Conditions. Journal of Superconductivity and Novel Magnetism, 2010, 23, 167-169.	1.8	0
3	Spin Hall Effect in Symmetric Wells with Two Subbands. Journal of Superconductivity and Novel Magnetism, 2010, 23, 65-68.	1.8	1
4	Spin Hall effect due to intersubband-induced spin-orbit interaction in symmetric quantum wells. Physical Review B, 2009, 80, .	3.2	14
5	Intersubband-induced spin-orbit interaction in quantum wells. Physical Review B, 2008, 78, .	3.2	82
6	Spin-Orbit Interaction in Symmetric Wells with Two Subbands. Physical Review Letters, 2007, 99, 076603.	7.8	111
7	Spin orbit interaction and zitterbewegung in symmetric wells. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 4330-4333.	0.8	9
8	Differential invariants for symplectic Lie algebras realized by boson operators. Journal of Physics A, 2004, 37, 4797-4812.	1.6	4
9	Characterizing neuromorphologic alterations with additive shape functionals. European Physical Journal B, 2004, 37, 109-115.	1.5	7
10	Neuromorphometric characterization with shape functionals. Physical Review E, 2003, 67, 061910.	2.1	17
11	Harmonic functions ofsuq(2) forqÂ Â andqÂS1. Journal of Physics A, 2003, 36, 6733-6750.	1.6	1
12	Killing â€“ An algebraic computational package for Lie algebras. Computer Physics Communications, 2000, 130, 137-175.	7.5	5
13	Matrix elements for the symplecticsp(4) Lie algebra. Journal of Physics A, 1999, 32, 6295-6307.	1.6	7
14	The overtone spectrum of monochloroacetylene (HCCCl) in the algebraic approach. Chemical Physics, 1999, 242, 295-300.	1.9	5
15	Dynamical symmetry in the vibrational overtone spectrum of monofluoroacetylene (HCCF). Chemical Physics, 1996, 213, 17-32.	1.9	8
16	The overtone spectrum of monofluoracetylene in the algebraic approach. Chemical Physics Letters, 1993, 203, 143-149.	2.6	5