

Tiotsop Maurice

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Gaussian, Shannon, and Tsallis entropies of bound magnetopolaron in Gaussian and asymmetric quantum qubit. <i>Indian Journal of Physics</i> , 2020, 94, 333-340.	1.8	1
2	Bound magnetopolaron in delta GaAs quantum dot under Rashba effect. <i>Chinese Journal of Physics</i> , 2018, 56, 315-322.	3.9	7
3	Polaron in an Asymmetric Cylindrical Quantum Dot Qubit under an Electromagnetic Field. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2018, 42, 933-939.	1.5	7
4	Application of entropies to the study of the decoherence of magnetopolaron in 0-D nanosystem. <i>Optical and Quantum Electronics</i> , 2018, 50, 1.	3.3	3
5	Decoherence time, hydrogenic-like impurity effect and Shannon entropy on polaron in RbCl triangular quantum dot qubit. <i>Superlattices and Microstructures</i> , 2017, 103, 70-77.	3.1	11
6	Non-extensive entropy and properties of polaron in RbCl delta quantum dot under an applied electric field and Coulombic impurity. <i>Physica B: Condensed Matter</i> , 2017, 518, 61-67.	2.7	4
7	Tsallis entropy and decoherence of Csl quantum pseudo dot qubit. <i>Superlattices and Microstructures</i> , 2017, 105, 163-171.	3.1	10
8	Quantum transition and decoherence of levitating polaron on helium film thickness under an electromagnetic field. <i>Indian Journal of Physics</i> , 2017, 91, 1525-1531.	1.8	5
9	Temperature, impurity and electromagnetic field effects on the transition of a two-level system in a triangular potential. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	11
10	The effect of temperature on the lifetime and Shannon entropy of a magnetopolaron in a RbCl triangular quantum dot. <i>Chinese Journal of Physics</i> , 2016, 54, 795-801.	3.9	8
11	Effects of Shannon entropy and electric field on polaron in RbCl triangular quantum dot. <i>Chinese Physics B</i> , 2016, 25, 048401.	1.4	5
12	Tunable potentials and decoherence effect on polaron in nanostructures. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	24
13	Effect of temperature and electric field on life time and energy states of bound polaron in triangular quantum dot. <i>Chinese Journal of Physics</i> , 2016, 54, 483-488.	3.9	6
14	The effect of electromagnetic field and Coulomb impurity on polaron in RbCl triangular quantum dot qubit. <i>Indian Journal of Physics</i> , 2016, 90, 1049-1054.	1.8	10
15	Bound magneto-polaron in triangular quantum dot qubit under an electric field. <i>Superlattices and Microstructures</i> , 2016, 90, 20-29.	3.1	11
16	Electro-magnetic weak coupling optical polaron and temperature effect in quantum dot. <i>Journal of Semiconductors</i> , 2015, 36, 102001.	3.7	1
17	Shannon entropy and decoherence of bound magnetopolaron in a modified cylindrical quantum dot. <i>Modern Physics Letters B</i> , 2015, 29, 1550241.	1.9	16
18	Electric and magnetic optical polaron in quantum dot – Part 1: strong coupling. <i>Journal of Semiconductors</i> , 2015, 36, 072001.	3.7	3

#	ARTICLE	IF	CITATIONS
19	Energy levels of magneto-optical polaron in spherical quantum dot " Part 1: Strong coupling. Journal of Semiconductors, 2015, 36, 092001.	3.7	1