

# Tiotsop Maurice

## List of Publications by Year in descending order

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19  
papers

144  
citations

1163117

8  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

33  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable potentials and decoherence effect on polaron in nanostructures. European Physical Journal Plus, 2016, 131, 1.	2.6	24
2	Shannon entropy and decoherence of bound magnetopolaron in a modified cylindrical quantum dot. Modern Physics Letters B, 2015, 29, 1550241.	1.9	16
3	Temperature, impurity and electromagnetic field effects on the transition of a two-level system in a triangular potential. European Physical Journal Plus, 2016, 131, 1.	2.6	11
4	Bound magneto-polaron in triangular quantum dot qubit under an electric field. Superlattices and Microstructures, 2016, 90, 20-29.	3.1	11
5	Decoherence time, hydrogenic-like impurity effect and Shannon entropy on polaron in RbCl triangular quantum dot qubit. Superlattices and Microstructures, 2017, 103, 70-77.	3.1	11
6	The effect of electromagnetic field and Coulomb impurity on polaron in RbCl triangular quantum dot qubit. Indian Journal of Physics, 2016, 90, 1049-1054.	1.8	10
7	Tsallis entropy and decoherence of CsI quantum pseudo dot qubit. Superlattices and Microstructures, 2017, 105, 163-171.	3.1	10
8	The effect of temperature on the lifetime and Shannon entropy of a magnetopolaron in a RbCl triangular quantum dot. Chinese Journal of Physics, 2016, 54, 795-801.	3.9	8
9	Bound magnetopolaron in delta GaAs quantum dot under Rashba effect. Chinese Journal of Physics, 2018, 56, 315-322.	3.9	7
10	Polaron in an Asymmetric Cylindrical Quantum Dot Qubit under an Electromagnetic Field. Iranian Journal of Science and Technology, Transaction A: Science, 2018, 42, 933-939.	1.5	7
11	Effect of temperature and electric field on life time and energy states of bound polaron in triangular quantum dot. Chinese Journal of Physics, 2016, 54, 483-488.	3.9	6
12	Effects of Shannon entropy and electric field on polaron in RbCl triangular quantum dot. Chinese Physics B, 2016, 25, 048401.	1.4	5
13	Quantum transition and decoherence of levitating polaron on helium film thickness under an electromagnetic field. Indian Journal of Physics, 2017, 91, 1525-1531.	1.8	5
14	Non-extensive entropy and properties of polaron in RbCl delta quantum dot under an applied electric field and Coulombic impurity. Physica B: Condensed Matter, 2017, 518, 61-67.	2.7	4
15	Electric and magnetic optical polaron in quantum dot – Part 1: strong coupling. Journal of Semiconductors, 2015, 36, 072001.	3.7	3
16	Application of entropies to the study of the decoherence of magnetopolaron in 0-D nanosystem. Optical and Quantum Electronics, 2018, 50, 1.	3.3	3
17	Electro-magnetic weak coupling optical polaron and temperature effect in quantum dot. Journal of Semiconductors, 2015, 36, 102001.	3.7	1
18	Energy levels of magneto-optical polaron in spherical quantum dot – Part 1: Strong coupling. Journal of Semiconductors, 2015, 36, 092001.	3.7	1

#	ARTICLE	IF	CITATIONS
19	Gaussian, Shannon, and Tsallis entropies of bound magnetopolaron in Gaussian and asymmetric quantum qubit. Indian Journal of Physics, 2020, 94, 333-340.	1.8	1