

Ayham Shaer

List of Publications by Year in descending order

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12
papers

94
citations

1478505

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1372567

10
g-index

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all docs

12
docs citations

12
times ranked

42
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous effects of Rashba, magnetic field and impurity on the magnetization and magnetic susceptibility of a GaAs-semiconductor quantum ring. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 556, 169435.	2.3	5
2	Effects of Rashba spin-orbit interaction and topological defect on the magnetic properties of an electron confined in a 2D quantum dot. <i>Journal of Taibah University for Science</i> , 2021, 15, 1210-1216.	2.5	1
3	Rashba spin-orbit interaction effects on thermal and magnetic properties of parabolic GaAs quantum dot in the presence of donor impurity under external electric and magnetic fields. <i>Chinese Journal of Physics</i> , 2020, 66, 335-348.	3.9	6
4	Impurity effects on the magnetization and magnetic susceptibility of an electron confined in a quantum ring under the presence of an external magnetic field. <i>Chinese Journal of Physics</i> , 2020, 64, 9-17.	3.9	15
5	The magnetization and magnetic susceptibility of GaAs Gaussian quantum dot with donor impurity in a magnetic field. <i>Modern Physics Letters B</i> , 2019, 33, 1950422.	1.9	12
6	Heat capacity and entropy of Gaussian spherical quantum dot in the presence of donor impurity. <i>Journal of Theoretical and Applied Physics</i> , 2019, 13, 277-288.	1.4	19
7	Magnetic properties of GaAs parabolic quantum dot in the presence of donor impurity under the influence of external tilted electric and magnetic fields. <i>Journal of Taibah University for Science</i> , 2019, 13, 687-695.	2.5	7
8	The magnetic properties of GaAs parabolic quantum dot in the presence of donor impurity, magnetic and electric fields. <i>Chinese Journal of Physics</i> , 2019, 60, 598-611.	3.9	10
9	The effects of pressure and temperature on the exchange energy of a parabolic quantum dot under a magnetic field. <i>Journal of Taibah University for Science</i> , 2017, 11, 1122-1134.	2.5	4
10	The magnetic properties of a quantum dot in a magnetic field. <i>Turkish Journal of Physics</i> , 2016, 40, 209-218.	1.1	7
11	Variational calculations of the heat capacity of a semiconductor quantum dot in magnetic fields. <i>Chinese Journal of Physics</i> , 2016, 54, 391-397.	3.9	8
12	Magnetization of GaAs Parabolic Quantum Dot by Variation Method. <i>Journal of Physical Science and Application</i> , 2016, 6, .	0.1	0