

# Marin, J H

## List of Publications by Year in descending order

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32  
papers

203  
citations

1163117

8  
h-index

1199594

12  
g-index

32  
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32  
docs citations

32  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Off-axis donors in quasi-two-dimensional quantum dots with cylindrical symmetry. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 1636-1649.	1.5	29
2	Essential properties of a molecular complex confined in ring-like nanostructures under external probes: Magnetic field and hydrostatic pressure. <i>Superlattices and Microstructures</i> , 2014, 67, 207-220.	3.1	19
3	Influence of Sm <sup>3+</sup> doping on the dielectric properties of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> ceramics synthesized via autocombustion. <i>Inorganic Chemistry Communication</i> , 2014, 40, 5-7.	3.9	11
4	Effect of magnetic field on the formation of D <sup>+</sup> ions in lens-shape quantum dots. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 1005-1019.	1.8	10
5	Electronic structure of donor-impurity complexes in quantum wells. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 7283-7292.	1.8	9
6	Dimensionality effect on two-electron energy spectrum: A fractional-dimension-based formulation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015, 379, 1457-1463.	2.1	9
7	Hydrostatic pressure, temperature and aluminum concentration effects on the ground state of coupled donors in a GaAs <sup>1</sup> Al <sup>x</sup> As quantum well. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 678-682.	1.5	9
8	Donor impurity states in a non-uniform quantum strip: Geometrical and electro-magnetic field effects. <i>Superlattices and Microstructures</i> , 2017, 103, 127-138.	3.1	9
9	Effect of wetting layer on electron-hole correlation in quantum discs and rings. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 9493-9507.	1.8	8
10	Vertically coupled quantum dots charged by exciton. <i>Microelectronics Journal</i> , 2008, 39, 378-382.	2.0	8
11	An exciton trapped by an arbitrary shaped nanoring in a magnetic field. <i>Journal of Physics: Conference Series</i> , 2010, 210, 012045.	0.4	8
12	Off-axis magneto-donor impurity in a non-uniform height quantum ribbon. <i>Superlattices and Microstructures</i> , 2015, 87, 64-70.	3.1	8
13	Analysis of the eigenstates of a semiconductor hydrogenic washer-shaped structurally deformed nanoring: External crossed fields and stark-like effects. <i>Physica B: Condensed Matter</i> , 2017, 521, 17-27.	2.7	8
14	Entropy and electronic properties of an off-axis hydrogen-like impurity in non-uniform height quantum ribbon with structural and geometrical azimuthal potential barriers. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	7
15	Charge distribution in quantum dot with trapped exciton. <i>Physica B: Condensed Matter</i> , 2007, 398, 135-143.	2.7	6
16	Energy spectrum of an artificial molecular complex in toroidal quantum rings. <i>Superlattices and Microstructures</i> , 2011, 49, 258-263.	3.1	6
17	Hydrogenic molecular transitions in double concentric quantum donuts by changing geometrical parameters. <i>Superlattices and Microstructures</i> , 2013, 55, 64-74.	3.1	6
18	Low-lying states of two-electron quasi-one-dimensional ring. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 3630-3633.	0.8	4

#	ARTICLE	IF	CITATIONS
19	D-energy spectrum in toroidal quantum ring. <i>Journal of Physics: Conference Series</i> , 2009, 167, 012032.	0.4	4
20	Optical characterization of sputtered YBaCo <sub>4</sub> O <sub>7+δ</sub> thin films. <i>Solid State Sciences</i> , 2011, 13, 310-313.	3.2	4
21	Study of YBaCo <sub>4</sub> O <sub>7+δ</sub> thin films grown by sputtering technique on (1012)-oriented sapphire substrates. <i>Thin Solid Films</i> , 2011, 519, 3411-3416.	1.8	4
22	Double-Donor Energy Structure in Concentric Quantum Rings under Magnetic Field and Hydrostatic Pressure. <i>Acta Physica Polonica A</i> , 2014, 125, 220-223.	0.5	4
23	States of an on-axis two-hydrogenic-impurity complex in concentric double quantum rings. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 2297-2302.	2.1	4
24	Ion-molecular complex in a quantum ring. <i>Microelectronics Journal</i> , 2008, 39, 1279-1280.	2.0	3
25	D <sub>2</sub> <sup>+</sup> Molecular Complex in Ring-Like Nanostructures: Hydrostatic Pressure and Electromagnetic Field Effects. <i>Acta Physica Polonica A</i> , 2014, 125, 241-244.	0.5	2
26	Electronic and optical properties of an electro-magnetic non-uniform narrow quantum ring under repulsive scattering centre. <i>Philosophical Magazine</i> , 2021, 101, 689-709.	1.6	2
27	Synthesis and characterization of SnO <sub>2</sub> thin films doped with Fe to 10%. <i>AIP Conference Proceedings</i> , 2014, , .	0.4	1
28	Semi-empiric theory of electron-hole pair confined in thin GaAs/Ga(Al)As layer. <i>Physica B: Condensed Matter</i> , 2017, 521, 84-92.	2.7	1
29	Negatively charged donor and trion in quantum disks. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 3626-3629.	0.8	0
30	Two-electron quantum dot with soft-edge barrier. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 805-813.	2.7	0
31	Vertically coupled non-uniform quantum rings with two separated electrons in threading magnetic field. <i>Journal of Physics: Conference Series</i> , 2010, 245, 012020.	0.4	0
32	CHARGING OF QUANTUM DOTS BY CAPTURED EXCITON. , 2007, , .		0