Walid Ouerghui

List of Publications by Year
in descending order

16	111	1307594 7	1372567 10
papers	citations	h-index	g-index

16	16	16	116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spinâ€“orbit coupling effect on electronic, linear and nonlinear optical properties of Bi2S3 and the ternary bismuth sulfide Bi2S2.75Se0.25: Ab-initio calculations. Optical and Quantum Electronics, 2022, 54, 1.	3.3	10
2	DFT calculations on ZnO1â^'x compounds for optoelectronic applications. Journal of Computational Electronics, 2021, 20, 467-479.	2.5	8
3	DFT calculations of optoelectronic properties of cubic $$left({{ext{In}}_{1 - x} {ext{Al}}_{x} }) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	5
4	Optical properties of quaternary GaMnAsP thin layer grown by molecular beam epitaxy. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 131, 114733.	2.7	6
5	Hybrid functional calculations of electro-optical properties of novel Ga1â^'xInxTe ternary chalcogenides. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	8
6	Density functional investigation of structural, electronic, optical and thermodynamic properties of Zn1â^'xBexO semiconductor. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	10
7	Ab Initio Study of Structural, Electronic, and Magnetic Properties of A 1 â^' x III. Journal of Superconductivity and Novel Magnetism, 2018, 31, 2089-2097.	1.8	6
8	Circularly Polarized Emission from Ensembles of InGaAs/GaAs Quantum Rings. Silicon, 2017, 9, 689-693.	3.3	0
9	First-principles calculations on magnetism and exchange interactions in GaMnAs and GaMnAsP. Physica Status Solidi (B): Basic Research, 2017, 254, 1700115.	1.5	9
10	Annealing effect on the magnetization reversal and Curie temperature in a GaMnAs layer. Journal of Magnetism and Magnetic Materials, 2013, 342, 149-151.	2.3	5
11	Temperature dependent optical properties of stacked InGaAs/GaAs quantum rings. Materials Science and Engineering C, 2008, 28, 887-890.	7.3	1
12	Effect of carrier transfer on the PL intensity in self-assembled In (Ga) As/GaAs quantum rings. EPJ Applied Physics, 2006, 35, 159-163.	0.7	10
13	Size filtering effect in vertical stacks of In(Ga)As/GaAs self-assembled quantum rings. Materials Science and Engineering C, 2006, 26, 297-299.	7.3	2
14	Lateral carrier tunnelling in stacked In(Ga)As/GaAs quantum rings. European Physical Journal B, 2006, 54, 217-223.	1.5	13
15	Optical anisotropy and photoluminescence excitation density dependence for auto-organized Al0.28In0.72As/Al0.28Ga0.72As quantum dots. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 27, 369-373.	2.7	0
16	Dependence on temperature of homogeneous broadening of InGaAs/InAs/GaAs quantum dot fundamental transitions. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 28, 519-524.	2.7	18